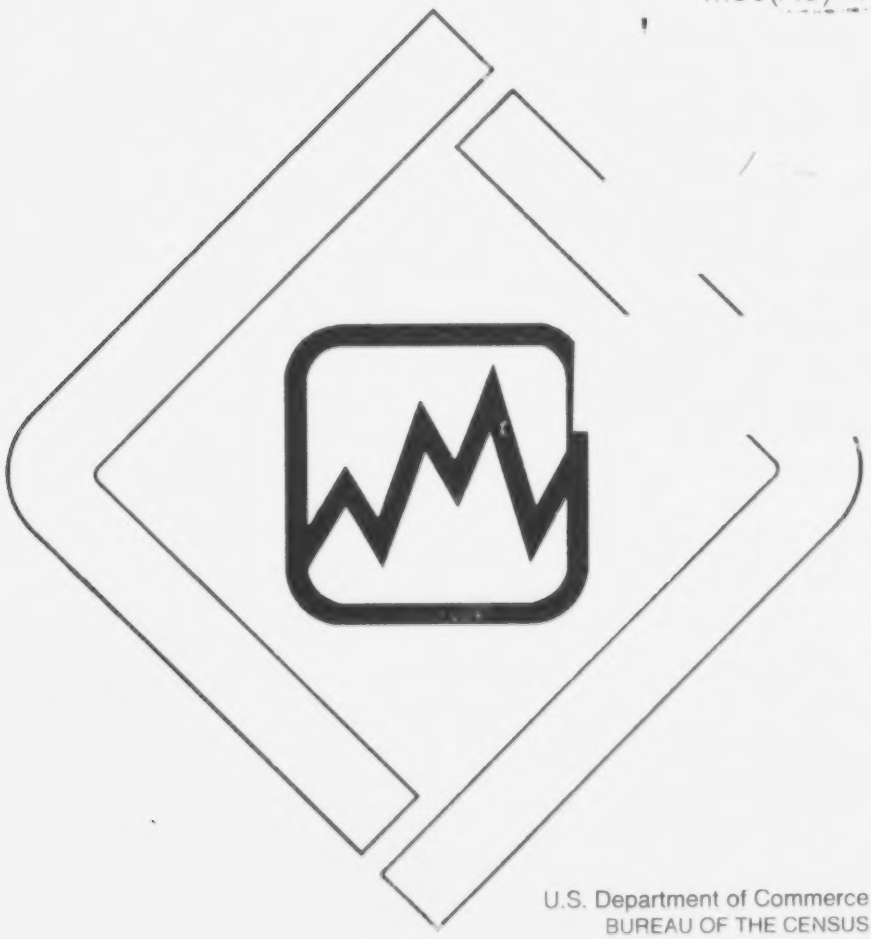
ASM

1986 Annual Survey of Manufactures

Statistics for Industry Groups and Industries

(Including Capital Expenditures, Inventories, and Supplemental Labor, Fuel, and Electric Energy Costs)

M86(AS)-1



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INTRODUCTION

GENERAL

This report presents manufacturing establishment statistics for industry groups and industries from the 1986 Annual Survey of Manufactures (ASM).

The estimates for 1986 are based upon reports from a representative sample of about 56,000 manufacturing establishments. The tables provide 1986 and 1985 data on employment, hours, payrolls, value added by manufacture, capital expenditures, cost of materials, inventories, and value of industry shipments and fuels and electric energy consumed for most manufacturing industries. Establishments are classified in manufacturing industries in accordance with industry definitions described in the 1972 edition of the Standard Industrial Classification (SIC) Manual[1] published by the Office of Management and Budget.

SCOPE AND USE OF ANNUAL SURVEY

The 1986 Annual Survey of Manufactures is the 31st survey of this type conducted by the Bureau of the Census to provide for intercensal years the key measures of manufacturing activity for industry groups and important industries. These key measures, as well as other detailed statistics for manufacturing, were collected in the censuses of manufactures, the three most recent of which covered the years 1972, 1977, and 1982. An annual survey was conducted for each of the years between censuses starting with 1949.

During intercensal periods, these annual surveys provide a continuous series of basic statistics for industries, as well as furnish benchmarks for current business indicators and for measures of industrial production and productivity. The survey also provides significant data in connection with planning for industrial mobilization.

DESCRIPTION OF SURVEY SAMPLE

The statistics presented in the report are estimates compiled for a survey which is composed of two components. The mail portion of the survey is a probability sample of about 56,000 manufacturing establishments selected from a total of about 220,000 establishments. These 220,000 establishments represent all manufacturing establishments of multiunit companies and all single-unit manufacturing establishments mailed schedules in the 1982 Census of Manufactures. This mail portion is supplemented annually by a Social Security Administration list of new single-unit manufacturing establishments opened after 1982 and a list of new multiunit manufacturing establishments identified from the Census Bureau's Company Organization Survey.

The 1984 through 1988 ASM sample differs slightly from the previous sample. For the current panel, all establishments of companies with 1982 shipments in manufacturing in excess of $500 million were included in the survey panel with certainty.

There are approximately 500 such companies collectively accounting for approximately 18,000 establishments.

For the remaining portion of the mail survey, the establishment was defined as the sampling unit. For this portion, all establishments with 250 employees or more and establishments with a very large value of shipments were also included in the survey panel with certainty. A total of 12,100 establishments were selected from this portion of the universe with certainty. Therefore of the 56,000 manufacturing establishments included in the ASM panel, approximately 31,000 are selected with certainty. These certainty establishments collectively account for approximately 80 percent of the total value of shipments in the 1982 census.

Smaller establishments in the remaining portion of the mail survey were sampled with probabilities ranging from 0.999 to 0.005 in accordance with mathematical theory for optimum allocation of a sample. The probabilities of selection assigned to the smaller establishments were proportional to measures of size determined for each establishment. The measures of size depend directly upon each establishment's 1982 product class values and the historic variability of the year-to-year shipments of each product class. Product classes displaying more volatile year-to-year change in shipments at the establishment level were sampled at a heavier rate.

This method of assigning measures of size was used in order to maximize the precision (that is, minimize the variance of estimates of the year-to-year change) in the value of product class shipments. Implicitly, it also gave weight to differences in employment, value added, and other general statistics, since these are highly correlated with value of shipments. Individual sample selection probabilities were obtained by multiplying each establishment's final measure of size by an overall sampling fraction coefficient calculated to yield a total expected sample size.

[1] **Standard Industrial Classification Manual: 1972.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00066-6. **1977 Supplement.** Stock No. 003-005-00176-0.

The sample selection procedure gave each establishment in the sampling frame an independent chance of selection. This method of independent selection permits the rotation of small establishments out of a given sample panel without introducing a bias into the survey estimates.

The nonmail portion of the survey includes all single-unit establishments that were tabulated as administrative records in the 1982 Census of Manufactures. Although this portion contained approximately 130,000 establishments, it accounted for less than 2 percent of the estimate for total value of shipments at the total manufacturing level. This portion was not sampled; rather, the data for every establishment in this group were estimated based on selected information obtained annually from the administrative records of the Internal Revenue Service and the Social Security Administration. This administrative-record information, which includes payroll, total employment, industry classification, and physical location of the establishment, was obtained under conditions which safeguard the confidentiality of both tax and census records. Estimates of data other than payroll and employment for these small establishments were developed from industry averages.

The corresponding estimates for the mail and nonmail establishments were added together, along with the base-year differences, as defined in the Description of Estimating Procedure section, to produce the figures shown in this publication.

DESCRIPTION OF ESTIMATING PROCEDURE

Most of the ASM estimates for 1985 were computed using a difference estimation procedure. For each item, the difference between the 1982 census published number for an item total and the linear estimate of the totals from the ASM sample was generated. These base-year differences were then added to the corresponding current-year linear estimates, which include the sum of the estimates for the mail and nonmail establishments, to produce the current-year estimates shown in this publication. Estimates developed by this procedure usually are more reliable than comparable linear estimates developed from the current sample data alone.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sampled lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of the estimates.

The particular sample selected for the ASM is one of a large number of similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretical, comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected statistics in this report. They are presented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associate relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals

shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

Each establishment included in the ASM is classified in a particular industry on the basis of its major activity for each particular year. In order to minimize the shifting of establishments from one industry to another, small establishments are retained in the industry in which they are classified in the 1982 Census of Manufactures. Larger establishments that report a change in their major activity from the previous period are retained in their previous years' classification unless the shift in activity is significant.

DESCRIPTION OF IMPUTATION PROCEDURE

The need for imputation in the ASM arises from several sources. Complete nonresponse, partial nonresponse, inconsistent reported data, and our desire to reduce the reporting burden for small manufacturers are the primary factors contributing to the need for imputation.

For purposes of the ASM, an item is considered to be an impute if the value was not directly reported on the questionnaire, directly derived from other reported items, directly available from supplemental sources, or obtained from the respondent during the analytical review phase.

In imputing records for nonrespondents, two basic approaches are followed. For most larger establishments, operational information is available from the prior-year ASM. Imputation for 1986 data for establishments with 1985 data available involves adjusting the corresponding 1985 data by estimates of the year to-year relative change. These estimates are developed based on employment and payroll data from the Bureau of Labor Statistics at the industry group (three-digit SIC) level and are then applied to the 1985 ASM prior-year establishment values for employment and payroll. The remaining data for the establishment are developed based on their prior-year relationship to these two control items. For nonrespondents that have no prior-year record available including establishments not included in the mail portion of the survey, administrative-record data for annual payroll and employment are used. For all other items, industry average relationships between these control items and the item to be imputed are used.

At the total manufacturing level, the overall imputation rate is approximately 7 percent of the published value of shipments figure for 1986. However, this rate varies widely by four-digit industry, five-digit product class, and State total. The median imputation rate for a four-digit industry was 10 percent; for a five-digit product class, the rate was some what higher; and for a State total, the rate was comparable to the four-digit industry.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

—	Represents zero.
(A)	Standard errors of 100 percent or more.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(NA)	Not available.
(NC)	Not comparable.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half the limit shown.
n.e.c.	Not elsewhere classified.
n.s.k.	Not specified by kind.
pt.	Part.
r	Revised.
SIC	Standard Industrial Classification.

Table 1a. Industry Statistics for All Operating Manufacturing Establishments: 1986 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Year	Establishments			All employees[1]			Production workers						
					Compensation								
	Total (number)	With 20 employees or more (number)	Proprietors and partners (number)	Number[2] (1,000)	Payroll (million dollars)	Supplemental benefits (million dollars)	Number[2] (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture[3] (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures[4] (million dollars)
1986[5]	(NA)	(NA)	(NA)	17 086.8	402 466.7	92 264.0	11 765.4	23 178.2	236 599.4	1 035 437.4	1 217 608.6	2 260 314.6	76 354.5
1985[5]	(NA)	(NA)	(NA)	r17 508.3	r396 610.5	92 080.6	r12 174.4	r23 731.6	r235 790.8	r1 000 142.0	r1 276 009.6	r2 280 183.8	r83 058.3
1984[5]	(NA)	(NA)	(NA)	17 854.9	384 921.5	90 330.6	12 572.8	24 637.1	231 783.9	983 227.7	1 288 413.6	2 253 429.3	75 185.8
1983[5]	(NA)	(NA)	(NA)	17 453.1	354 232.2	84 302.5	12 203.0	23 611.6	212 416.4	882 011.5	1 170 237.8	2 045 853.3	61 930.5
1982	348 385	117 959	(NA)	17 818.1	341 406.2	80 993.4	12 400.6	23 538.3	204 787.2	824 117.7	1 130 142.7	1 960 205.8	74 561.6
1981[5]	(NA)	(NA)	(NA)	18 919.8	341 319.8	77 000.5	13 542.8	26 233.1	212 200.9	837 506.5	1 193 969.6	2 017 542.5	78 632.3
1980[5]	(NA)	(NA)	(NA)	19 311.4	316 494.5	70 109.8	13 900.1	26 745.7	198 164.0	773 831.3	1 093 567.6	1 852 668.3	70 112.8
1979[5]	(NA)	(NA)	(NA)	19 756.5	298 529.1	64 638.3	14 537.8	28 324.3	192 881.5	747 480.5	999 157.5	1 727 214.6	61 533.0
1978[5]	(NA)	(NA)	(NA)	19 239.4	271 540.9	57 666.8	14 228.7	27 676.5	176 416.8	657 412.0	877 424.7	1 522 937.3	55 209.2
1977	350 757	113 843	(NA)	18 515.9	242 031.9	49 989.3	13 691.0	26 686.7	157 163.7	585 165.6	782 417.7	1 358 526.4	47 459.0
1976[5]	(NA)	(NA)	(NA)	17 681.9	212 997.1	41 477.0	13 051.2	25 353.8	137 564.0	511 470.9	681 194.1	1 185 695.3	40 545.2
1975[5]	(NA)	(NA)	(NA)	17 173.7	190 503.9	35 411.6	12 567.9	24 069.9	121 427.2	442 485.8	597 327.0	1 039 377.4	37 262.1
1974[5]	(NA)	(NA)	(NA)	18 712.8	190 565.8	32 841.8	13 970.9	27 239.3	124 983.2	452 468.4	581 580.0	1 017 873.4	35 696.4
1973[5]	(NA)	(NA)	(NA)	18 871.4	178 333.2	29 253.9	14 233.1	28 096.8	118 332.3	405 623.5	478 169.6	875 443.2	26 978.8
1972	312 662	109 941	(NA)	18 032.4	160 411.4	24 637.3	13 526.5	26 696.7	105 494.7	353 974.2	407 418.7	756 534.3	24 072.6
1971[5]	(NA)	(NA)	(NA)	17 426.3	144 246.3	21 627.7	12 874.9	25 265.9	93 231.7	314 138.4	356 016.9	670 970.5	20 940.7
1970[5]	(NA)	(NA)	(NA)	18 289.5	141 886.4	19 292.2	13 528.0	26 669.3	91 609.0	300 227.6	336 551.6	634 322.1	22 164.3
1969[5]	(NA)	(NA)	(NA)	19 155.6	142 645.1	18 635.6	14 357.8	28 599.8	93 459.6	304 440.7	341 724.5	642 635.8	22 291.4
1968[5]	(NA)	(NA)	(NA)	18 681.0	132 568.4	16 574.0	14 041.2	28 156.8	87 480.4	285 058.9	320 698.0	603 220.1	20 613.1
1967	305 680	107 138	(NA)	18 492.0	123 480.6	15 060.2	13 955.3	27 837.6	81 393.6	261 983.8	298 513.7	557 397.8	21 503.0
1966[5]	(NA)	(NA)	(NA)	18 200.3	117 157.4	(NA)	13 826.5	28 102.5	78 256.4	250 880.1	293 663.8	538 736.9	20 235.8
1965[5]	(NA)	(NA)	(NA)	17 250.5	106 643.2	(NA)	13 076.0	26 567.8	71 361.5	226 939.9	268 385.8	492 005.7	16 615.0
1964[5]	(NA)	(NA)	(NA)	16 485.7	98 685.3	(NA)	12 403.3	25 245.5	65 838.9	206 193.6	244 080.5	447 985.1	13 294.3
1963	306 317	99 352	168 674	15 231.9	93 283.3	(NA)	12 232.0	24 509.4	62 093.8	192 082.9	229 683.8	420 528.1	11 370.0
1962[5]	(NA)	(NA)	(NA)	16 154.7	89 819.2	(NA)	12 126.5	24 269.5	59 134.1	179 071.1	221 471.8	399 308.9	10 436.2
1961[5]	(NA)	(NA)	(NA)	15 729.6	83 677.4	(NA)	11 778.5	23 289.4	54 764.6	164 281.1	206 404.6	369 994.3	9 779.8
1960[5]	(NA)	(NA)	(NA)	16 149.9	83 672.5	(NA)	12 209.5	24 174.4	55 555.5	163 998.5	(NA)	(NA)	10 097.8
1959[5]	(NA)	(NA)	(NA)	16 062.9	81 203.6	(NA)	12 272.6	24 443.6	54 714.1	161 535.8	(NA)	(NA)	9 140.0
1958[5]	299 017	95 278	185 732	15 423.1	73 875.2	(NA)	11 681.1	22 679.2	49 605.2	141 540.6	(NA)	(NA)	9 543.5
1957[5]	(NA)	(NA)	(NA)	16 621.1	76 314.6	(NA)	12 838.9	25 569.0	52 582.5	147 838.4	(NA)	(NA)	12 144.0
1956[5]	(NA)	(NA)	(NA)	16 694.4	74 015.1	(NA)	13 131.3	26 088.5	52 040.8	144 909.3	(NA)	(NA)	11 233.2
1955[5]	(NA)	(NA)	(NA)	16 355.5	69 096.6	(NA)	12 954.4	25 898.3	49 217.9	135 022.5	(NA)	(NA)	8 233.1
1954	286 814	90 470	197 850	15 645.5	62 982.7	(NA)	12 372.0	24 344.1	44 590.5	117 032.3	(NA)	(NA)	8 200.7
1953[5]	285 000	(NA)	(NA)	16 693.1	66 492.9	(NA)	13 500.9	27 065.6	48 979.1	121 659.1	(NA)	(NA)	8 047.9
1952[5]	267 000	(NA)	(NA)	15 732.7	59 598.2	(NA)	12 706.0	25 617.6	43 783.6	109 182.1	(NA)	(NA)	7 883.4
1951[5]	262 000	(NA)	(NA)	15 309.6	54 741.5	(NA)	12 508.9	25 263.8	40 654.8	102 085.8	(NA)	(NA)	7 781.7
1950[5]	260 000	(NA)	(NA)	14 467.1	46 642.8	(NA)	11 778.8	23 716.5	34 600.0	89 749.8	(NA)	(NA)	5 041.3
1949[5]	(NA)	(NA)	(NA)	13 566.9	41 482.0	(NA)	11 016.3	21 769.7	30 254.0	75 366.5	(NA)	(NA)	5 066.9

[1]Figures for 1949 to 1986 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known. In addition to employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company.

[2]Method of compiling figures varied as follows: All employees: for 1955 to 1986, figures represent average of number of production workers for payroll period ended nearest the 12th of March, May, August, November, plus all other employees for payroll period ended nearest the 12th of March; for 1949 to 1954, figures represent an average of all employees for payroll period ended nearest the 12th of March, May, August, and November. Production workers: for 1949 to 1986 figures are based on employment for payroll period ended nearest the 12th of March, May, August, and November.

[3]Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior years. For the period 1954 to 1982, value added by manufacture represents adjusted value added, for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

[4]Figures for 1951 to 1986 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

[5]Figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from results that would have been obtained from a complete canvass of all manufacturing establishments. Standard errors associated with these estimates are published in Annual Survey of Manufactures volumes for this period.

[6]Data for establishments classified in Industry 3273, Ready-Mixed Concrete, and establishments classified in Industry 3599, Machinery, Except Electrical, N.E.C., are excluded from figures in 1949 to 1957. Figures for 1954 to 1966 include data for establishments engaged in processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in figures for earlier census years. Beginning with 1954, figures include data for Industry 2411, Logging Camps and Logging Contractors.

Table 1b. Manufacturing Employment by Major Group: 1986 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Major group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
	All industries 1986	**18 370.0**	**450 759.6**	**17 086.8**	**402 466.7**	**1 283.2**	**48 292.9**
	1985	'18 796.4	'443 095.1	'17 508.3	'396 610.5	1 288.1	46 484.6
	1984	19 123.3	428 398.8	17 854.9	384 921.5	1 268.4	43 477.3
	1983	18 709.2	394 720.9	17 453.1	354 232.2	1 256.1	40 488.7
	1982	19 094.1	379 626.5	17 818.1	341 406.2	1 276.0	38 220.3
	1981	20 264.0	379 214.4	18 919.8	341 319.8	1 344.2	37 894.6
	1980	20 646.7	350 410.8	19 311.4	316 494.5	1 335.3	33 916.3
	1979	21 040.2	328 887.9	19 756.5	298 529.1	1 283.7	30 358.8
	1978	20 531.9	298 967.4	19 239.4	271 540.9	1 292.5	27 426.5
	1977	19 590.1	264 013.1	18 515.9	242 031.9	1 074.2	21 981.2
	1972	19 026.8	174 186.7	18 032.4	160 414.4	994.3	13 772.3
	1967	19 322.9	132 208.5	18 492.3	123 480.6	830.9	8 727.9
20	Food and kindred products 1986	1 527.3	32 844.2	1 408.9	28 567.3	118.4	4 276.9
	1985	1 545.3	32 212.0	1 422.5	28 077.3	122.8	4 134.7
	1984	1 558.7	31 227.2	1 437.4	27 350.4	121.3	3 876.8
	1983	1 562.8	30 154.1	1 444.5	26 600.5	118.3	3 553.6
	1982	1 596.6	29 118.6	1 487.7	26 087.5	108.9	3 031.1
	1981	1 649.0	28 138.7	1 511.2	24 695.7	137.8	3 443.0
	1980	1 676.0	26 341.7	1 538.8	23 485.5	137.2	3 093.2
	1979	1 687.7	24 460.5	1 552.2	21 678.0	135.5	2 782.5
	1978	1 665.7	22 669.0	1 546.9	20 308.4	118.8	2 360.0
	1977	1 622.1	20 472.7	1 520.0	18 543.6	102.1	1 929.1
	1972	1 663.0	14 098.0	1 569.3	12 920.2	93.7	1 177.8
	1967	1 725.9	10 841.5	1 649.6	10 076.8	76.3	764.7
21	Tobacco products 1986	59.8	1 851.5	46.1	1 360.4	13.7	491.1
	1985	63.5	1 832.4	49.2	1 369.4	14.3	463.0
	1984	65.8	1 792.4	51.7	1 353.9	14.1	438.5
	1983	69.7	1 803.0	54.8	1 354.9	14.9	448.1
	1982	72.1	1 716.8	57.9	1 323.5	14.2	393.3
	1981	74.2	1 574.1	61.1	1 219.2	13.1	354.9
	1980	71.4	1 366.8	58.0	1 044.8	13.4	322.0
	1979	73.5	1 216.1	58.6	906.0	14.9	310.1
	1978	73.0	1 046.1	59.1	812.5	13.9	233.6
	1977	68.6	897.6	60.6	750.7	8.0	146.9
	1972	74.3	595.7	66.3	502.1	8.0	93.6
	1967	83.1	451.2	75.1	376.8	8.0	74.4
22	Textile mill products 1986	675.6	11 226.5	644.3	10 305.8	31.3	920.7
	1985	687.7	10 798.1	658.4	9 967.1	29.3	831.0
	1984	740.4	11 018.7	709.5	10 191.6	30.9	827.1
	1983	756.1	10 866.4	723.3	10 060.5	32.8	805.9
	1982	750.3	9 840.1	717.4	9 046.1	32.9	794.0
	1981	823.1	10 350.0	785.2	9 574.0	37.9	776.0
	1980	854.1	9 990.1	816.1	9 228.1	38.0	762.0
	1979	879.0	9 549.0	842.1	8 823.5	36.9	725.5
	1978	898.7	9 008.1	861.8	8 367.9	36.9	640.2
	1977	908.9	8 434.4	875.7	7 881.4	33.2	553.0
	1972	983.8	6 413.0	952.6	6 051.0	31.2	362.0
	1967	954.0	4 610.6	929.0	4 390.9	25.0	219.7
23	Apparel and other textile products 1986	1 053.7	13 477.0	1 016.5	12 471.2	37.2	1 005.8
	1985	1 099.2	13 470.9	1 059.2	12 470.6	40.0	1 000.3
	1984	1 184.6	13 752.9	1 147.5	12 877.0	37.1	875.9
	1983	1 217.5	13 634.8	1 181.7	12 791.6	35.8	843.2
	1982	1 224.0	12 681.9	1 189.2	12 128.8	34.8	753.1
	1981	1 291.9	12 582.6	1 251.1	11 804.6	40.8	778.0
	1980	1 342.8	11 977.3	1 307.3	11 354.3	35.5	623.0
	1979	1 340.0	11 244.1	1 306.2	10 624.2	33.8	541.8
	1978	1 356.0	10 692.7	1 321.8	10 190.8	34.2	501.9
	1977	1 361.8	10 062.2	1 334.3	9 658.6	27.5	403.6
	1972	1 394.0	7 478.1	1 368.3	7 212.0	25.7	266.1
	1967	1 372.9	5 722.2	1 356.7	5 582.2	16.2	140.0
24	Lumber and wood products 1986	637.3	11 441.1	619.5	10 819.7	17.8	621.4
	1985	632.3	11 047.6	612.9	10 407.4	19.4	640.2
	1984	663.4	10 985.2	643.1	10 352.6	20.3	632.6
	1983	648.2	10 312.4	628.9	9 715.2	19.3	597.2
	1982	598.4	9 051.5	576.5	8 444.4	21.9	607.1
	1981	667.2	9 438.0	649.4	8 990.9	17.8	447.1
	1980	716.2	10 246.3	698.1	9 804.8	18.1	441.5
	1979	759.7	9 432.4	742.5	9 042.2	17.2	390.2
	1978	739.3	8 746.7	723.2	8 411.1	16.1	335.6
	1977	706.9	7 694.9	692.4	7 424.7	14.5	270.2
	1972	703.4	5 131.3	691.0	4 985.6	12.4	145.7
	1967	561.7	2 872.6	554.0	2 798.9	7.7	73.7
25	Furniture and fixtures 1986	478.3	8 367.6	466.7	8 030.4	11.6	337.2
	1985	484.3	8 078.3	472.3	7 754.6	12.0	323.7
	1984	484.6	7 750.1	473.5	7 445.4	11.1	304.7
	1983	454.4	6 879.8	443.6	6 615.2	10.8	264.6
	1982	446.6	6 336.3	436.0	6 083.7	10.6	252.6
	1981	472.2	6 243.2	459.8	5 982.8	12.4	260.4
	1980	481.9	5 805.2	472.7	5 623.2	9.2	182.0
	1979	491.5	5 516.4	482.9	5 361.9	8.6	154.5
	1978	491.4	5 185.1	481.0	5 029.2	10.4	155.9
	1977	553.3	4 588.4	463.8	4 448.3	9.0	140.1
	1972	468.5	3 286.3	462.0	3 205.4	6.5	80.9
	1967	430.0	2 305.1	425.3	2 258.3	4.7	46.9
26	Paper and allied products 1986	637.6	17 401.5	602.6	16 112.8	35.0	1 288.7
	1985	'637.0	'16 538.2	'603.9	'15 346.0	33.1	1 192.2
	1984	644.3	15 908.6	612.9	14 883.9	31.4	1 024.7
	1983	638.1	14 848.1	606.2	13 827.4	31.9	1 020.7
	1982	636.9	14 047.1	605.6	12 947.5	31.3	1 099.6

See footnotes at end of table.

Table 1b. Manufacturing Employment by Major Group: 1986 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Major group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
26	Paper and allied products—Con.						
	1981	688.1	14 188.8	635.8	12 643.7	52.3	1 545.1
	1980	694.9	13 027.5	646.3	11 730.6	48.6	1 296.9
	1979	706.8	12 039.8	657.8	10 810.0	49.0	1 229.8
	1978	689.0	10 994.5	638.6	9 852.3	50.4	1 142.2
	1977	666.3	9 845.3	628.7	8 942.9	37.6	902.4
	1972	667.8	6 465.5	633.4	5 992.1	34.4	473.4
	1967	670.7	4 786.7	638.9	4 436.2	31.8	350.5
27	Printing and publishing						
	1986	1 435.1	31 708.9	1 376.2	29 890.4	58.9	1 818.5
	1985	1 415.1	29 785.7	1 359.6	28 169.2	55.3	1 616.5
	1984	1 380.3	27 725.2	1 325.1	26 232.3	55.2	1 492.9
	1983	1 353.0	25 549.0	1 300.7	24 211.7	52.3	1 337.5
	1982	1 340.1	23 912.1	1 291.8	22 706.9	48.3	1 205.2
	1981	1 316.2	21 631.5	1 270.1	20 609.3	46.1	1 022.2
	1980	1 312.5	19 834.7	1 262.8	18 843.1	49.7	991.6
	1979	1 269.0	17 769.1	1 223.0	16 952.6	46.0	816.5
	1978	1 186.2	16 243.4	1 144.8	15 535.8	41.4	707.6
	1977	1 131.1	14 645.9	1 092.2	14 024.5	38.9	621.4
	1972	1 085.5	10 162.1	1 056.5	9 831.2	29.0	330.9
	1967	1 052.1	7 323.5	1 031.0	7 151.5	21.1	172.0
28	Chemicals and allied products						
	1986	1 020.8	32 728.9	801.6	23 710.9	219.2	9 018.0
	1985	1 046.3	31 811.2	826.2	23 344.9	220.1	8 466.3
	1984	1 059.1	30 513.4	843.1	22 654.8	216.0	7 848.6
	1983	1 051.6	28 288.3	850.7	21 411.2	200.9	6 877.1
	1982	1 079.0	27 462.3	872.5	20 835.7	206.5	6 626.6
	1981	1 092.9	25 820.3	892.3	19 722.8	200.6	6 097.5
	1980	1 109.9	23 707.5	909.7	18 269.0	200.2	5 438.5
	1979	1 095.3	21 376.9	895.0	16 515.9	200.3	4 861.0
	1978	1 101.8	19 878.4	896.3	15 286.5	205.5	4 591.9
	1977	1 061.6	17 638.2	880.2	13 839.3	181.4	3 798.9
	1972	995.0	10 908.2	836.5	8 730.5	158.5	2 177.7
	1967	982.7	7 932.1	841.4	6 443.0	141.3	1 489.1
29	Petroleum and coal products						
	1986	187.0	6 782.4	124.5	4 214.7	62.5	2 567.7
	1985	193.1	6 828.0	127.5	4 131.8	65.6	2 696.2
	1984	207.0	7 136.0	137.4	4 380.3	69.6	2 755.7
	1983	221.5	7 201.5	146.3	4 409.1	75.2	2 852.4
	1982	228.0	6 906.9	151.6	4 338.7	76.0	2 568.2
	1981	231.3	6 716.5	152.2	4 076.3	79.1	2 640.2
	1980	230.5	5 933.9	148.9	3 615.1	81.6	2 318.8
	1979	230.2	5 386.3	157.5	3 418.0	72.7	1 968.3
	1978	218.9	4 733.3	148.2	3 001.0	70.7	1 732.3
	1977	212.1	4 258.2	146.8	2 696.2	65.3	1 562.0
	1972	209.5	2 633.7	139.5	1 637.5	70.0	996.2
	1967	210.7	1 960.5	141.6	1 216.1	69.1	744.4
30	Rubber and miscellaneous plastics products						
	1986	769.4	16 513.2	741.3	15 273.3	28.1	1 239.9
	1985	774.7	15 972.9	742.5	14 722.9	32.2	1 250.0
	1984	764.2	15 197.7	731.5	13 996.6	32.7	1 201.1
	1983	718.0	13 423.7	684.4	12 305.4	33.6	1 118.3
	1982	713.4	12 577.3	681.7	11 596.8	31.7	972.0
	1981	721.6	11 900.0	691.2	11 047.1	30.4	852.9
	1980	731.7	10 814.1	703.2	10 140.5	28.5	673.6
	1979	781.0	10 747.4	753.7	10 146.4	27.3	601.0
	1978	770.9	9 915.4	748.0	9 422.2	22.9	493.2
	1977	746.5	8 994.3	721.3	8 536.0	25.2	458.3
	1972	635.1	5 381.9	617.7	5 165.2	17.4	216.7
	1967	531.0	3 421.8	516.7	3 286.5	14.3	135.3
31	Leather and leather products						
	1986	138.5	1 910.6	129.8	1 690.3	8.7	220.3
	1985	155.4	2 087.9	146.7	1 863.2	8.7	224.7
	1984	177.5	2 223.5	169.5	2 045.8	8.0	177.7
	1983	198.5	2 455.7	188.8	2 225.1	9.7	230.6
	1982	208.8	2 423.3	199.8	2 218.5	9.0	204.8
	1981	238.5	2 551.4	227.6	2 363.3	10.9	188.1
	1980	241.7	2 334.9	232.4	2 199.9	9.3	135.0
	1979	248.8	2 214.8	238.6	2 085.4	10.2	129.4
	1978	255.4	2 149.9	244.4	1 996.0	11.0	153.9
	1977	253.3	1 992.0	242.5	1 859.7	10.8	132.3
	1972	285.5	1 706.2	273.4	1 589.3	12.1	116.9
	1967	336.6	1 518.2	328.7	1 458.8	7.9	59.4
32	Stone, clay, and glass products						
	1986	550.5	13 121.0	514.1	11 745.2	36.4	1 375.8
	1985	r557.3	r12 772.1	r520.0	r11 481.9	37.3	1 290.2
	1984	571.0	12 456.8	533.4	11 223.5	37.6	1 233.3
	1983	566.4	11 745.8	525.8	10 517.8	40.6	1 228.0
	1982	573.4	11 262.2	531.6	10 096.7	41.8	1 165.5
	1981	634.0	11 756.5	589.7	10 574.5	44.3	1 182.0
	1980	658.5	11 160.4	613.3	10 062.3	45.2	1 098.1
	1979	695.9	10 877.8	654.2	9 898.5	43.7	1 004.2
	1978	688.7	10 096.1	639.3	9 076.7	49.4	1 019.4
	1977	654.8	8 740.3	613.7	7 943.1	41.1	797.2
	1972	680.7	6 035.1	623.2	5 546.9	37.5	488.2
	1967	620.6	4 133.8	589.9	3 825.5	30.7	308.3
33	Primary metal industries						
	1986	718.7	19 916.9	689.8	18 881.6	28.9	1 035.3
	1985	r779.0	r21 091.6	r746.9	r19 961.7	32.1	1 129.9
	1984	827.7	21 771.0	795.5	20 651.9	32.2	1 119.1
	1983	811.6	20 560.5	771.2	19 259.6	40.4	1 300.9
	1982	902.2	21 998.4	854.7	20 602.7	47.5	1 395.7
	1981	1 114.6	26 994.7	1 062.8	25 322.2	51.8	1 672.5
	1980	1 150.4	25 095.4	1 096.1	23 556.4	54.3	1 539.0
	1979	1 243.5	25 426.7	1 190.3	23 995.9	53.2	1 430.8
	1978	1 213.2	22 518.2	1 149.4	21 331.0	63.8	1 187.2
	1977	1 160.4	19 776.0	1 113.6	18 745.0	46.8	1 031.0
	1972	1 185.3	12 784.8	1 142.8	12 166.5	42.5	618.3
	1967	1 329.1	10 395.7	1 281.0	9 850.9	48.1	544.8

See footnotes at end of table.

Table 1b. **Manufacturing Employment by Major Group: 1986 and Earlier Years**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Major group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
34	Fabricated metal products						
	1986	1 467.7	34 905.0	1 419.5	33 115.8	48.2	1 789.2
	1985	1 523.3	34 896.0	1 472.8	33 150.0	50.5	1 746.0
	1984	1 535.2	33 593.8	1 482.3	31 843.7	52.9	1 750.1
	1983	1 467.0	30 293.5	1 418.0	28 823.7	49.0	1 469.8
	1982	1 512.1	29 721.0	1 459.7	28 282.6	51.5	1 438.4
	1981	1 635.8	30 341.5	1 567.6	28 531.4	68.2	1 810.1
	1980	1 683.7	28 355.6	1 616.8	26 700.6	66.9	1 655.0
	1979	1 727.6	26 925.7	1 671.0	25 609.6	56.6	1 316.1
	1978	1 684.5	24 566.4	1 625.1	23 382.5	59.4	1 183.9
	1977	1 605.8	22 022.4	1 555.7	21 035.9	50.1	986.5
	[1]1972	1 533.6	14 346.0	1 493.3	13 820.6	40.3	525.4
	1967	1 375.1	9 670.0	1 341.8	9 319.5	33.3	350.5
35	Machinery, except electrical						
	1986	2 005.7	54 800.4	1 863.0	49 645.2	142.7	5 155.2
	1985	2 132.9	55 896.7	1 991.1	50 904.6	141.8	4 992.1
	1984	2 183.5	54 686.0	2 051.9	50 092.7	131.6	4 593.3
	1983	2 121.4	49 278.2	1 989.5	45 106.7	131.9	4 171.5
	1982	2 326.4	50 972.6	2 188.7	46 910.7	137.7	4 061.9
	1981	2 505.9	52 423.4	2 379.7	48 642.9	126.2	3 780.5
	1980	2 537.2	47 977.1	2 410.8	44 603.7	126.4	3 373.4
	1979	2 538.1	43 830.6	2 409.8	40 681.6	128.3	3 149.0
	1978	2 345.3	37 819.1	2 235.4	35 385.7	109.9	2 433.4
	1977	2 176.4	32 442.3	2 083.3	30 557.5	93.1	1 884.8
	1972	1 930.0	20 047.9	1 827.7	18 523.3	102.3	1 524.6
	1967	1 929.4	14 930.2	1 884.5	14 226.3	64.9	703.9
36	Electric and electronic equipment						
	1986	2 143.8	56 783.3	1 941.4	49 213.6	202.4	7 569.7
	1985	2 202.5	55 647.2	2 007.1	48 504.0	195.4	7 143.2
	1984	2 218.0	53 241.1	2 032.5	46 842.4	185.5	6 398.7
	1983	2 079.2	47 345.6	1 895.7	41 209.1	183.5	6 136.5
	1982	2 105.8	44 083.4	1 914.5	38 413.4	191.3	5 670.0
	1981	2 143.0	41 161.7	1 959.0	35 988.9	184.0	5 172.8
	1980	2 144.8	37 065.4	1 963.2	32 453.3	181.6	4 612.1
	1979	2 117.1	33 080.3	1 953.3	29 144.4	163.8	3 935.9
	1978	2 021.5	29 339.9	1 863.0	25 853.9	158.5	3 486.0
	1977	1 863.1	25 385.1	1 723.1	22 544.2	140.0	2 840.9
	[1]1972	1 800.1	17 189.4	1 661.3	15 189.0	138.8	2 000.4
	1967	1 980.6	14 106.5	1 874.9	12 968.0	105.7	1 138.5
37	Transportation equipment						
	1986	1 877.8	61 394.8	1 769.5	56 707.6	108.3	4 687.2
	1985	1 861.8	59 173.1	1 757.0	54 591.8	104.8	4 581.3
	1984	1 816.3	54 702.3	1 709.3	50 310.4	107.0	4 391.9
	1983	1 713.7	48 377.9	1 616.0	44 640.1	97.7	3 737.8
	1982	1 740.3	44 519.9	1 595.9	40 811.9	106.4	3 708.0
	1981	1 867.6	46 365.9	1 749.4	42 335.6	118.2	4 030.3
	1980	1 897.2	42 700.3	1 772.1	38 877.9	125.1	3 822.4
	1979	2 052.1	42 247.5	1 923.7	38 493.9	128.4	3 753.6
	1978	1 991.0	38 359.9	1 865.7	34 961.6	125.3	3 408.3
	1977	1 873.7	33 314.4	1 768.2	30 673.5	105.5	2 640.9
	[1]1972	1 815.2	21 526.6	1 719.0	19 880.0	96.2	1 646.6
	1967	1 935.5	16 342.4	1 834.1	15 173.7	101.4	1 168.7
38	Instruments and related products						
	1986	643.1	17 149.4	585.4	14 818.2	57.7	2 331.2
	1985	661.5	16 893.8	604.3	14 666.4	57.2	2 227.4
	1984	671.2	16 361.6	612.4	14 320.7	58.8	2 040.9
	1983	668.9	15 500.6	608.1	13 473.0	60.8	2 027.6
	1982	682.1	14 792.7	623.6	12 882.9	58.5	1 909.8
	1981	666.7	13 011.1	611.5	11 564.6	55.2	1 446.5
	1980	664.2	11 824.5	616.4	10 672.1	47.8	1 152.4
	1979	640.5	10 240.7	601.1	9 329.1	39.4	911.6
	1978	644.2	9 510.1	600.1	8 570.3	44.1	939.8
	1977	591.9	8 212.0	559.1	7 520.4	32.8	691.6
	[1]1972	480.8	4 677.9	453.2	4 286.2	27.6	391.7
	1967	409.6	2 980.8	394.3	2 821.6	15.3	159.2
39	Miscellaneous manufacturing industries						
	1986	342.1	6 435.3	326.1	5 892.3	16.0	543.0
	1985	344.2	6 261.4	328.0	5 725.7	16.2	535.7
	1984	370.5	6 355.3	355.4	5 861.6	15.1	493.7
	1983	391.6	6 141.9	374.9	5 674.4	16.7	467.5
	1982	395.7	6 010.3	382.6	5 646.9	13.1	363.4
	1981	430.3	6 024.6	413.1	5 630.0	17.2	394.6
	1980	447.1	5 752.0	428.4	5 336.3	18.7	385.7
	1979	460.9	5 352.0	443.0	5 014.0	17.9	338.0
	1978	467.1	5 085.6	447.3	4 765.4	19.8	320.2
	1977	451.9	4 596.5	440.7	4 406.4	11.2	190.1
	1972	456.0	3 316.3	445.6	3 179.8	10.4	136.5
	1967	831.6	5 903.5	823.5	5 819.4	8.1	84.1

[1]Excludes ordnance and accessories. In 1972 SIC revision, major group 19 was eliminated as a separate major group and its industries were reclassified to major groups 34, 36, 37, and 38.

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
	All industries	**18 370.0**	**450 759.6**	**11 765.4**	**23 178.2**	**236 599.4**	**1 035 437.4**	**1 217 608.6**	**2 260 314.6**	**76 354.5**	**311 121.1**
20	Food and kindred products	1 408.9	28 567.3	989.5	1 932.2	17 788.7	112 190.5	196 442.9	308 522.6	6 966.2	24 019.4
21	Tobacco products	46.1	1 360.4	33.7	63.0	912.4	12 724.6	6 341.3	19 073.0	659.1	5 925.8
22	Textile mill products	644.3	10 305.8	554.7	1 110.6	7 897.9	22 232.3	33 012.5	55 348.5	1 598.3	6 896.0
23	Apparel and other textile products	1 016.5	12 471.2	862.5	1 534.8	8 948.9	28 451.3	29 492.9	57 918.6	683.7	7 876.0
24	Lumber and wood products	619.5	10 819.7	512.4	1 003.3	8 135.2	23 238.6	34 977.7	58 158.3	1 657.2	6 571.8
25	Furniture and fixtures	466.7	8 030.4	376.1	733.5	5 556.4	17 659.4	15 490.1	33 081.2	778.0	4 850.5
26	Paper and allied products	602.6	16 112.8	458.4	952.7	11 296.9	43 924.5	53 943.5	97 853.2	6 084.4	10 238.4
27	Printing and publishing	1 376.2	29 890.4	738.4	1 414.7	14 099.3	78 150.4	40 671.7	118 570.6	4 385.0	8 859.2
28	Chemicals and allied products	801.6	23 710.9	458.1	927.7	11 755.6	100 013.2	96 550.7	197 090.8	7 907.4	24 214.6
29	Petroleum and coal products	124.5	4 214.7	81.8	168.1	2 598.2	17 495.8	103 740.9	124 878.3	2 577.5	9 162.5
30	Rubber and miscellaneous plastics products	741.3	15 273.3	571.8	1 137.1	10 123.6	37 236.4	36 039.2	73 384.6	2 998.1	8 333.0
31	Leather and leather products	129.8	1 690.3	109.7	196.2	1 213.4	3 611.4	4 156.4	7 808.7	83.2	1 371.0
32	Stone, clay, and glass products	514.1	11 745.2	399.0	814.2	8 351.8	30 676.7	26 535.8	57 274.2	2 332.6	6 972.6
33	Primary metal industries	689.8	18 881.6	529.0	1 055.8	13 471.7	38 092.3	66 366.5	105 647.2	3 180.4	17 629.5
34	Fabricated metal products	1 419.5	33 115.8	1 049.8	2 102.6	21 816.7	68 620.6	69 264.6	137 975.9	4 485.0	21 381.9
35	Machinery, except electrical	1 863.0	49 645.2	1 140.6	2 271.2	25 421.9	108 365.0	97 924.8	208 529.3	6 690.6	41 203.1
36	Electric and electronic equipment	1 941.4	49 213.6	1 159.6	2 259.3	23 360.9	112 421.5	84 078.9	196 245.2	9 059.8	37 456.8
37	Transportation equipment	1 769.5	56 707.6	1 168.6	2 381.0	33 625.5	125 705.6	188 037.4	313 825.1	11 295.3	50 923.1
38	Instruments and related products	585.4	14 818.2	335.4	660.9	6 704.0	40 005.3	21 888.5	61 910.0	2 277.3	12 216.8
39	Miscellaneous manufacturing industries	326.1	5 892.3	236.0	459.1	3 520.4	14 622.0	12 652.3	27 219.3	655.4	5 019.1
—	Auxiliaries[2]	1 283.2	48 292.9	–	–	–	–	–	–	–	–
20	**Food and kindred products**	**1 408.9**	**28 567.3**	**989.5**	**1 932.2**	**17 788.7**	**112 190.5**	**196 442.9**	**308 522.6**	**6 966.2**	**24 019.4**
201	Meat products	317.2	5 133.4	263.9	521.3	3 869.0	13 531.7	55 759.9	69 267.5	855.5	2 027.7
2011	Meat packing plants	119.0	2 211.0	96.0	200.4	1 361.5	5 692.8	36 680.2	42 384.5	258.9	830.9
2013	Sausages and other prepared meats	68.5	1 327.1	52.5	104.5	908.0	3 844.5	9 524.1	13 354.2	232.4	723.7
2016	Poultry dressing plants	112.6	1 366.0	100.6	189.2	1 125.4	3 250.2	8 027.1	11 263.7	278.3	361.5
2017	Poultry and egg processing	17.1	229.3	14.8	27.2	174.1	744.2	1 528.5	2 265.2	85.9	111.6
202	Dairy products	137.1	2 973.5	82.7	167.5	1 648.7	10 917.9	31 210.9	42 163.2	672.0	1 801.8
2021	Creamery butter	1.7	40.1	1.4	2.9	28.6	89.4	1 430.1	1 531.2	8.0	34.2
2022	Cheese, natural and processed	32.3	603.0	25.9	51.8	456.2	2 306.6	9 537.2	11 892.1	140.1	756.8
2023	Condensed and evaporated milk	13.5	357.0	8.9	18.5	196.0	2 254.5	3 577.9	5 807.2	120.7	348.9
2024	Ice cream and frozen desserts	18.2	383.2	11.7	22.3	219.0	1 074.8	2 386.5	3 459.0	105.4	232.7
2026	Fluid milk	71.4	1 590.2	34.8	71.9	748.9	5 192.6	14 279.2	19 473.7	297.8	429.2
203	Preserved fruits and vegetables	220.6	3 864.5	182.2	334.2	2 805.5	16 835.5	19 037.6	35 885.3	1 015.1	6 489.0
2032	Canned specialties[3]	24.7	513.2	19.6	38.6	383.2	2 326.3	2 629.9	4 957.6	178.8	670.2
2033	Canned fruits and vegetables[3]	67.4	1 105.2	57.4	102.0	824.0	5 184.8	6 022.7	11 170.7	240.0	2 694.1
2034	Dehydrated fruits, vegetables, and soups	12.2	221.9	9.9	17.4	153.5	859.7	922.4	1 816.9	47.1	498.9
2035	Pickles, sauces, and salad dressings[3]	23.1	471.3	18.1	34.5	326.0	2 473.2	2 884.1	5 353.2	147.0	710.0
2037	Frozen fruits and vegetables[3]	46.4	701.0	40.1	70.7	526.7	2 648.6	3 218.6	5 885.7	196.4	1 331.2
2038	Frozen specialties[3]	46.8	851.9	37.1	71.0	592.1	3 342.9	3 359.9	6 701.2	205.8	584.6
204	Grain mill products	96.8	2 471.5	65.6	127.1	1 608.7	13 745.1	19 983.7	33 722.6	1 027.9	2 122.8
2041	Flour and other grain mill products	13.5	348.7	9.9	21.4	241.3	1 345.9	3 642.5	5 003.1	62.8	316.9
2043	Cereal breakfast foods	16.4	585.1	13.3	27.8	484.9	4 513.1	1 681.4	6 167.6	270.1	308.1
2044	Rice milling	5.0	99.2	3.9	8.2	66.5	368.8	1 032.7	1 412.7	52.9	321.3
2045	Blended and prepared flour	7.4	166.8	5.2	10.0	106.7	764.0	951.6	1 713.7	61.6	129.7
2046	Wet corn milling	8.3	263.2	5.6	12.2	167.6	1 472.8	2 778.7	4 273.5	340.5	231.3
2047	Dog, cat, and other pet food	16.2	412.9	11.7	23.7	267.0	3 143.4	2 361.0	5 478.2	112.9	323.1
2048	Prepared feeds, n.e.c.	30.0	595.6	16.0	33.7	294.7	2 137.1	7 535.8	9 673.7	127.1	490.4
205	Bakery products	198.4	4 390.9	115.1	226.5	2 354.3	13 553.9	7 768.8	21 325.6	572.0	640.2
2051	Bread, cake, and related products	153.4	3 371.2	81.9	159.9	1 663.3	9 585.8	5 565.9	15 148.2	408.7	325.8
2052	Cookies and crackers	45.0	1 019.7	33.2	66.6	691.0	3 968.1	2 202.9	6 177.4	163.3	314.4
206	Sugar and confectionery products	88.9	1 900.6	70.3	139.5	1 357.1	7 727.7	9 909.3	17 580.2	540.4	2 725.3
2061	Raw cane sugar	6.4	141.3	5.0	11.3	105.6	429.6	789.6	1 244.0	34.0	281.3
2062	Cane sugar refining	5.5	179.3	4.1	9.2	132.9	551.2	2 063.8	2 604.9	34.9	307.9
2063	Beet sugar	7.9	186.2	6.5	14.6	145.4	665.3	1 145.6	1 757.7	88.3	608.8
2065	Confectionery products	53.2	1 004.7	42.2	80.4	703.3	4 260.4	4 059.7	8 304.7	273.0	949.3
2066	Chocolate and cocoa products	10.5	263.6	8.2	15.8	178.7	1 088.9	1 496.3	2 586.7	85.1	454.8
2067	Chewing gum	5.4	125.5	4.3	8.2	91.2	732.3	354.3	1 082.3	25.1	123.2
207	Fats and oils	32.9	734.5	21.3	43.0	440.4	2 890.4	12 639.5	15 601.8	235.8	1 143.2
2074	Cottonseed oil mills	3.6	61.2	2.8	6.2	40.3	177.4	487.6	678.0	17.9	133.7
2075	Soybean oil mills	7.0	166.6	4.6	9.4	106.4	676.7	7 104.6	7 815.5	93.3	480.4
2076	Vegetable oil mills, n.e.c.	1.1	20.4	.8	1.7	12.5	110.4	426.4	524.5	1.3	73.0
2077	Animal and marine fats and oils	10.8	223.6	5.9	11.2	114.3	635.9	989.6	1 632.8	41.3	55.7
2079	Shortening and cooking oils	10.4	262.7	7.2	14.5	166.9	1 290.0	3 631.3	4 951.0	82.0	400.4
208	Beverages	171.8	4 548.9	81.9	168.0	2 118.1	20 952.0	24 722.2	45 586.9	1 366.2	4 773.2
2082	Malt beverages	34.0	1 255.1	24.8	50.5	890.9	6 184.5	6 502.5	12 677.9	578.3	669.8
2083	Malt	1.5	41.0	1.1	2.2	29.6	162.5	368.1	538.6	13.5	137.3
2084	Wines, brandy, and brandy spirits	13.1	318.1	7.0	13.2	146.0	1 234.1	1 896.4	3 162.6	112.1	1 098.8
2085	Distilled liquor, except brandy[3]	9.9	261.4	6.8	13.8	173.0	1 845.3	1 730.2	3 504.3	41.4	1 325.7
2086	Bottled and canned soft drinks	102.0	2 348.1	35.5	73.5	718.0	8 215.4	12 483.1	20 686.8	560.7	997.7
2087	Flavoring extracts and syrups, n.e.c.	11.3	325.2	6.7	14.8	160.8	3 310.2	1 741.9	5 016.7	60.2	543.9
209	Miscellaneous foods and kindred products	145.2	2 549.5	106.5	195.2	1 586.9	12 036.3	15 411.0	27 389.4	681.3	2 296.2
2091	Canned and cured seafoods[3]	4.4	71.4	3.7	6.5	49.5	186.1	354.2	539.7	14.8	118.8
2092	Fresh or frozen packaged fish[3]	36.6	461.0	30.6	53.3	330.3	1 252.8	3 236.4	4 490.2	58.4	602.5
2095	Roasted coffee	11.5	307.1	7.4	15.2	179.5	2 444.7	5 140.2	7 544.0	147.3	575.3
2097	Manufactured ice	4.6	65.9	2.6	4.3	36.6	148.5	75.0	223.6	19.8	5.7
2098	Macaroni and spaghetti	7.2	139.5	5.3	11.2	93.2	702.2	494.1	1 199.8	32.8	84.8
2099	Food preparations, n.e.c.	80.9	1 504.6	56.9	104.8	897.8	7 302.0	6 111.1	13 392.1	408.2	909.1
21	**Tobacco products**	**46.1**	**1 360.4**	**33.7**	**63.0**	**912.4**	**12 724.6**	**8 341.3**	**19 073.0**	**659.1**	**5 925.8**
211	Cigarettes	32.7	1 101.4	24.0	43.8	758.1	11 501.1	4 205.2	15 699.1	601.6	4 956.1
2111	Cigarettes[3]	32.7	1 101.4	24.0	43.8	758.1	11 501.1	4 205.2	15 699.1	601.6	4 956.1
212	Cigars	3.7	55.4	3.0	5.7	38.1	147.2	104.9	252.1	7.1	64.5
2121	Cigars[3]	3.7	55.4	3.0	5.7	38.1	147.2	104.9	252.1	7.1	64.5
213	Chewing and smoking tobacco	3.3	78.3	2.2	4.3	46.9	730.4	327.7	1 062.4	10.1	159.8
2131	Chewing and smoking tobacco[3]	3.3	78.3	2.2	4.3	46.9	730.4	327.7	1 062.4	10.1	159.8
214	Tobacco stemming and redrying	6.4	125.3	4.5	9.2	69.3	345.9	1 703.5	2 059.4	40.3	745.4
2141	Tobacco stemming and redrying[3]	6.4	125.3	4.5	9.2	69.3	345.9	1 703.5	2 059.4	40.3	745.4

See footnotes at end of table.

1985										Standard error of estimate[1] (percent) for column–						SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)							
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T							
'18 796.4	**'443 095.1**	**'12 174.4**	**'23 731.6**	**'235 790.8**	**'1 000 142.0**	**'1 276 009.6**	**'2 280 183.8**	**'83 058.3**	**'322 360.3**	**1**	**1**	**1**	**1**	**1**	**1**	
1 422.5	28 077.3	993.6	1 941.2	17 427.7	104 146.0	197 274.5	301 562.0	7 048.7	24 023.0	1	1	1	1	1	2	20
49.2	1 369.4	36.9	67.8	940.9	11 893.7	6 625.7	18 506.8	668.5	6 230.8	2	1	1	1	1	1	21
658.4	9 967.1	565.3	1 101.4	7 609.2	20 693.3	32 258.3	53 276.5	1 863.3	6 988.0	1	2	2	1	1	3	22
1 059.2	12 470.6	904.0	1 580.7	9 003.4	27 728.4	29 130.2	56 993.1	697.1	7 997.5	2	2	3	2	2	3	23
612.9	10 407.4	514.2	996.4	7 835.8	21 065.5	33 168.8	54 185.1	1 663.5	6 354.8	2	2	4	2	2	3	24
472.3	7 754.6	380.0	726.8	5 345.5	16 478.8	14 784.3	31 293.8	763.3	4 733.6	2	2	4	2	2	3	25
'603.9	'15 346.0	'461.9	'943.3	'10 779.5	'40 422.3	'53 014.8	'93 392.9	'6 272.7	'9 894.1	1	1	1	1	1	1	26
1 359.8	28 169.2	742.1	1 384.4	13 554.4	73 054.3	39 103.8	111 885.0	4 715.3	8 491.4	1	1	2	1	1	3	27
826.2	23 344.9	476.0	951.2	11 662.0	95 257.5	101 696.1	197 311.3	'8 180.5	25 106.8	1	1	2	1	1	2	28
127.5	4 131.8	83.5	177.6	2 533.9	17 111.6	161 291.2	179 134.9	3 438.0	13 909.3	2	2	2	2	1	1	29
742.5	14 722.9	578.4	1 137.7	9 794.2	35 708.3	35 754.1	71 324.0	3 429.7	8 384.8	2	2	3	2	1	2	30
146.7	1 863.2	124.8	225.1	1 342.3	4 107.5	4 444.1	8 567.2	103.4	1 447.2	5	4	7	3	2	6	31
'520.0	'11 481.9	'404.1	'813.7	'8 198.0	'28 877.7	'26 193.9	'55 112.0	'2 773.7	'6 983.3	2	1	3	2	1	3	32
'746.9	'19 961.7	'573.5	'1 138.4	'14 315.4	'38 238.5	'70 660.7	'110 531.0	'4 680.0	'19 451.0	1	1	1	1	1	1	33
1 472.8	33 150.0	1 103.5	2 200.1	21 976.8	69 161.5	70 490.3	139 579.7	4 345.6	21 922.4	1	1	2	1	1	2	34
1 991.1	50 904.6	'1 237.3	'2 436.7	'26 533.7	'110 435.5	'102 779.0	'215 238.6	8 323.0	44 587.1	1	1	2	1	1	2	35
2 007.1	48 504.0	1 233.1	2 373.6	23 358.8	'110 498.6	83 079.1	'193 368.6	'10 466.3	37 567.4	1	1	1	1	1	1	36
1 757.0	54 591.8	1 179.6	2 406.6	33 171.4	120 953.1	180 856.2	301 386.0	10 377.7	50 947.2	1	1	1	1	1	1	37
604.3	14 666.4	348.0	676.4	6 892.6	40 278.3	20 982.1	61 008.2	2 581.2	12 354.0	2	1	3	2	1	2	38
328.0	5 725.7	234.6	452.5	3 415.3	14 031.6	12 442.4	26 527.1	666.8	4 986.6	3	2	4	3	2	5	39
1 288.1	46 484.6	–	–	–	–	–	–	–	–	1	(X)	(X)	1	(X)	(X)	--
1 422.5	**28 077.3**	**993.6**	**1 941.2**	**17 427.7**	**104 146.0**	**197 274.5**	**301 562.0**	**7 048.7**	**24 023.0**	**1**	**1**	**1**	**1**	**1**	**2**	**20**
303.3	4 882.0	253.1	499.3	3 704.6	12 959.3	54 177.9	67 138.1	716.5	1 965.6	2	2	3	2	1	4	201
122.2	2 252.9	98.7	201.4	1 708.1	5 859.4	36 637.2	42 553.5	249.9	856.0	2	2	5	2	2	3	2011
64.6	1 237.2	49.4	98.3	851.4	3 705.1	8 737.3	12 405.7	210.6	685.7	3	3	7	3	2	10	2013
104.0	1 204.5	94.0	175.4	997.4	2 859.4	7 494.5	10 339.7	208.4	337.2	3	1	2	3	1	2	2016
12.5	187.4	11.0	24.3	147.7	535.4	1 308.9	1 833.3	47.6	86.7	4	6	11	5	7	7	2017
137.6	2 875.6	83.1	166.9	1 595.1	9 629.2	31 486.8	41 075.3	671.3	1 772.7	2	2	5	2	2	3	202
2.0	40.9	1.7	3.3	31.1	97.6	1 478.0	1 571.0	10.5	46.0	3	21	10	4	18	7	2021
31.5	562.2	25.7	49.8	425.2	1 910.3	9 144.3	11 060.2	133.3	746.8	3	3	21	3	3	5	2022
12.0	315.5	7.9	18.1	185.0	1 628.0	3 689.8	5 287.9	(D)	318.9	4	2	2	4	3	(X)	2023
18.9	384.7	11.7	21.5	199.8	1 040.8	2 443.4	3 476.9	(D)	218.7	4	6	5	5	6	(X)	2024
73.2	1 572.3	36.1	74.3	754.0	4 952.5	14 731.3	19 679.2	322.3	442.3	2	2	3	2	2	5	2026
221.0	3 781.4	183.1	340.2	2 784.8	14 905.3	20 004.2	35 021.7	1 006.5	6 695.1	2	1	3	1	1	4	203
24.2	476.9	19.7	37.0	366.9	2 161.2	2 638.4	4 801.7	113.6	764.9	1	2	3	1	1	1	2032
67.6	1 132.5	57.3	105.4	847.5	4 448.3	6 440.2	10 998.7	264.1	2 869.8	2	2	7	2	2	8	2033
13.2	242.8	11.0	20.2	175.0	839.9	973.5	1 788.0	61.4	529.8	5	5	16	5	7	24	2034
22.9	439.3	18.1	34.2	306.4	2 115.6	2 998.0	5 123.2	129.5	606.3	3	2	12	2	2	6	2035
46.1	698.6	40.2	73.3	538.6	2 355.1	3 435.3	5 802.5	213.5	1 338.5	2	2	5	2	2	5	2037
47.0	791.3	36.8	69.9	550.4	2 985.1	3 518.8	6 507.6	224.4	585.8	4	3	2	3	2	7	2038
99.2	2 400.6	67.4	137.9	1 572.3	12 956.4	21 064.1	34 044.3	1 078.9	2 262.3	2	1	2	2	1	2	204
13.3	331.5	9.8	21.0	230.1	1 159.4	4 039.0	5 204.6	82.7	407.0	3	2	6	2	2	8	2041
16.3	563.1	13.3	27.3	447.1	3 994.7	1 721.2	5 718.1	228.3	275.6	2	1	5	2	1	4	2043
4.9	97.6	3.5	7.2	60.8	388.8	1 187.1	1 581.4	(D)	397.1	2	3	4	2	2	(X)	2044
7.3	160.2	5.1	9.9	102.5	700.1	936.9	1 634.6	(D)	125.2	2	2	7	2	2	(X)	2045
8.7	266.5	6.1	13.0	177.5	1 363.4	2 826.4	4 189.7	450.9	262.2	1	1	1	1	1	1	2046
16.7	386.1	12.0	23.5	244.4	3 073.7	2 248.5	5 306.2	97.8	273.1	4	3	8	6	3	6	2047
32.0	595.8	17.6	35.9	309.9	2 276.2	8 105.0	10 409.8	141.8	522.1	5	3	6	4	3	7	2048
208.8	4 478.2	117.9	231.5	2 289.6	12 994.7	7 865.4	20 834.4	586.4	666.9	2	2	4	2	1	6	205
162.1	3 515.4	82.7	159.9	1 624.0	8 810.8	5 576.8	14 388.5	378.0	330.1	2	2	5	2	1	7	2051
46.7	962.8	35.2	71.5	665.6	4 183.8	2 288.6	6 445.9	208.4	336.8	2	3	3	4	2	9	2052
91.2	1 845.8	72.4	142.1	1 322.5	7 397.5	9 686.0	17 087.0	629.1	2 472.2	2	1	3	2	1	3	206
6.8	141.4	5.4	11.6	106.8	451.7	772.3	1 168.6	49.3	310.2	4	2	2	4	1	2	2061
5.8	175.8	4.3	9.4	132.8	583.5	2 029.4	2 616.4	41.0	273.6	3	3	1	3	3	1	2062
7.9	180.6	6.6	14.7	142.8	524.3	1 203.3	1 788.8	85.3	458.5	3	6	7	3	6	4	2063
54.6	977.6	43.3	81.2	679.0	4 046.5	3 871.3	7 913.5	313.3	877.1	3	2	5	2	2	5	2065
10.8	251.5	8.6	17.1	176.1	1 136.8	1 459.8	2 595.6	(D)	420.6	2	1	3	1	1	(X)	2066
5.3	118.9	4.2	7.9	85.0	654.6	349.9	1 004.1	(D)	132.2	3	1	3	3	2	(X)	2067
33.8	753.4	22.8	46.9	480.8	2 774.1	14 616.5	17 504.9	337.2	1 344.9	4	3	3	4	3	5	207
3.5	64.5	2.7	6.6	44.3	219.3	640.2	880.8	22.0	155.8	3	6	10	8	5	26	2074
7.3	168.8	4.8	10.1	110.8	711.7	7 911.7	8 629.4	109.5	625.0	1	2	1	1	1	2	2075
1.2	21.4	.9	1.8	14.5	43.1	507.3	566.0	(D)	83.0	30	16	17	31	5	(X)	2076
11.1	233.9	6.9	13.0	122.3	609.6	1 189.2	1 820.2	(D)	62.2	11	11	15	11	10	(X)	2077
10.7	264.8	7.5	15.3	168.9	1 190.4	4 368.1	5 608.4	100.3	418.9	4	3	4	4	5	13	2079
183.4	4 624.5	87.2	177.0	2 166.4	19 292.7	24 023.8	43 243.8	1 337.8	4 643.8	2	2	3	2	1	3	208
40.3	1 357.8	27.0	52.6	952.2	5 681.3	6 529.1	12 215.8	372.2	669.3	1	1	1	1	1	1	2082
1.6	43.7	1.2	2.3	32.0	161.8	393.4	571.3	29.1	147.5	2	4	21	1	3	10	2083
13.2	296.6	7.1	13.5	138.8	1 063.1	1 674.1	2 763.4	112.1	1 059.3	4	8	14	3	6	12	2084
10.5	267.6	7.4	15.1	181.6	1 690.9	1 846.1	3 494.8	37.3	1 301.1	2	4	13	2	5	7	2085
105.8	2 344.8	37.2	77.8	707.9	7 587.2	11 830.7	19 358.2	720.8	1 032.7	3	3	5	3	2	4	2086
12.0	314.0	7.3	15.8	153.9	3 108.4	1 750.4	4 840.3	66.3	433.9	5	3	13	4	2	9	2087
144.2	2 435.6	106.6	199.5	1 531.6	11 236.8	14 349.8	25 612.5	685.0	2 199.5	3	1	4	3	1	5	209
5.8	84.5	5.0	9.1	59.6	227.4	471.6	697.0	11.6	159.7	26	8	15	20	6	15	2091
36.0	410.7	30.6	53.7	287.5	1 070.1	2 866.1	3 946.9	58.9	539.8	5	5	11	8	4	3	2092
11.4	294.5	7.5	15.0	178.1	2 445.8	4 211.2	6 677.1	138.9	498.0	5	2	9	7	2	17	2095
4.6	69.4	2.2	3.8	35.2	151.1	79.7	230.9	32.1	6.5	23	21	28	23	18	28	2097
7.7	141.7	5.6	11.7	93.5	628.6	528.1	1 154.7	31.8	92.5	7	4	5	3	3	10	2096
78.7	1 434.8	55.7	106.1	877.7	6 713.9	6 193.1	12 906.0	411.7	903.0	3	2	4	3	2	4	2099
49.2	**1 369.4**	**36.9**	**67.8**	**940.9**	**11 893.7**	**6 625.7**	**18 506.8**	**668.5**	**6 230.8**	**2**	**1**	**1**	**1**	**1**	**1**	**21**
35.5	1 130.7	26.6	47.9	799.7	10 540.7	4 362.1	14 896.8	622.2	5 183.5	1	1	1	1	1	1	211
35.5	1 130.7	26.6	47.9	799.7	10 540.7	4 362.1	14 896.8	622.2	5 183.5	1	1	1	1	1	1	2111
4.0	50.1	3.4	6.3	35.4	136.8	107.8	243.8	5.2	63.6	3	7	15	2	5	19	212
4.0	50.1	3.4	6.3	35.4	136.8	107.8	243.8	5.2	63.6	3	7	15	2	5	19	2121
3.0	61.7	2.1	3.7	36.5	641.1	306.0	946.6	13.1	170.5	13	5	14	11	5	8	213
3.0	61.7	2.1	3.7	36.5	641.1	306.0	946.6	13.1	170.5	13	5	14	11	5	8	2131
6.7	**126.9**	**4.8**	**9.9**	**89.3**	**575.0**	**1 849.8**	**2 419.6**	**28.0**	**813.2**	**6**	**3**	**1**	**6**	**2**	**1**	**214**
6.7	**126.9**	**4.8**	**9.9**	**89.3**	**575.0**	**1 849.8**	**2 419.6**	**28.0**	**813.2**	**6**	**3**	**1**	**6**	**2**	**1**	**2141**

Table 2. **Statistics for Industry Groups and Industries: 1986 and 1985**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
22	**Textile mill products**	**644.3**	**10 305.8**	**554.7**	**1 110.6**	**7 897.9**	**22 232.3**	**33 012.5**	**55 348.5**	**1 598.3**	**6 896.0**
221	Weaving mills, cotton	58.3	932.8	52.5	104.4	798.1	2 115.6	1 980.3	4 155.1	113.9	606.4
2211	Weaving mills, cotton	58.3	932.8	52.5	104.4	798.1	2 115.6	1 980.3	4 155.1	113.9	606.4
222	Weaving mills, synthetics	109.7	1 681.7	95.5	196.1	1 497.0	3 776.8	4 847.1	8 665.5	350.6	1 091.3
2221	Weaving mills, manmade fiber and silk	109.7	1 681.7	95.5	196.1	1 497.0	3 776.8	4 847.1	8 665.5	350.6	1 091.3
223	Weaving and finishing mills, wool	12.3	194.8	10.6	21.6	149.2	371.6	432.5	815.0	24.2	153.1
2231	Weaving and finishing mills, wool	12.3	194.8	10.6	21.6	149.2	371.6	432.5	815.0	24.2	153.1
224	Narrow fabric mills	17.2	259.7	14.7	27.5	182.4	594.5	452.6	1 040.0	32.4	171.9
2241	Narrow fabric mills	17.2	259.7	14.7	27.5	182.4	594.5	452.6	1 040.0	32.4	171.9
225	Knitting mills	189.9	2 691.3	164.4	314.4	2 027.7	5 493.6	6 717.1	12 203.0	304.4	1 628.9
2251	Women's full-length and knee-length hosiery	30.7	403.6	27.3	56.5	309.6	953.3	740.1	1 682.3	28.5	207.6
2252	Hosiery, n.e.c.	32.9	414.7	28.9	52.9	322.4	736.7	890.4	1 618.9	29.4	224.0
2253	Knit outerwear mills	60.4	824.9	51.4	95.2	601.6	1 695.3	1 741.5	3 447.2	85.6	571.1
2254	Knit underwear mills	22.3	301.1	20.5	37.4	251.8	559.8	705.4	1 277.6	33.5	216.7
2257	Circular knit fabric mills	26.8	444.0	22.3	43.9	323.5	927.4	1 642.2	2 562.2	70.6	206.1
2258	Warp knit fabric mills	14.1	260.6	11.6	24.1	185.6	542.0	917.8	1 457.7	53.3	181.2
2259	Knitting mills, n.e.c.	2.7	42.4	2.4	4.6	33.2	79.1	79.7	157.1	3.5	22.2
226	Textile finishing, except wool	52.6	935.6	43.4	88.9	677.6	1 886.7	4 003.6	5 913.8	174.8	599.1
2261	Finishing plants, cotton	9.3	168.0	7.9	15.3	126.3	293.8	591.1	873.7	31.3	127.2
2262	Finishing plants, manmade	32.8	605.4	26.6	55.8	435.5	1 269.6	2 820.6	4 132.1	123.0	361.2
2269	Finishing plants, n.e.c.	10.5	162.2	8.9	17.9	115.8	323.3	585.9	908.0	20.5	110.7
227	Floor covering mills	49.8	907.4	39.3	83.8	617.9	2 485.8	6 202.8	8 672.0	143.3	1 125.3
2271	Woven carpets and rugs	3.4	55.5	3.0	6.2	44.1	186.2	183.6	381.8	8.3	58.1
2272	Tufted carpets and rugs	43.7	801.4	34.2	73.4	542.9	2 196.6	5 881.3	8 050.9	128.5	1 030.2
2279	Carpets and rugs, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
228	Yarn and thread mills	101.5	1 520.8	92.0	189.5	1 271.1	3 014.4	5 378.9	8 403.6	258.9	775.9
2281	Yarn mills, except wool	70.8	1 064.2	65.0	137.4	912.3	2 066.2	3 347.6	5 436.8	201.8	439.3
2282	Throwing and winding mills	19.7	291.7	17.5	33.9	233.0	606.5	1 545.1	2 138.8	39.0	186.6
2283	Wool yarn mills	3.0	45.0	2.7	5.1	36.9	73.7	152.8	227.6	7.7	36.0
2284	Thread mills	8.0	119.9	6.8	13.1	88.9	268.0	333.4	600.4	10.4	114.0
229	Miscellaneous textile goods	53.0	981.7	42.3	84.3	676.9	2 493.3	2 997.6	5 480.6	195.8	744.1
2291	Felt goods, except woven felts and hats	4.6	102.2	3.3	7.0	63.8	287.4	161.0	439.0	28.7	98.1
2292	Lace goods	2.0	28.7	1.7	2.7	22.4	46.6	26.3	76.2	1.9	8.3
2293	Paddings and upholstery filling	4.4	76.9	3.7	7.0	54.3	175.6	174.0	348.4	13.3	34.6
2294	Processed textile waste	3.5	38.3	3.2	6.3	35.4	125.6	196.4	320.5	9.4	50.7
2295	Coated fabrics, not rubberized	9.7	218.1	7.2	14.9	139.4	457.9	713.9	1 172.0	37.4	172.2
2296	Tire cord and fabric	5.2	95.1	4.5	8.6	73.8	351.6	653.2	1 007.8	5.3	75.3
2297	Nonwoven fabrics	13.1	260.8	10.2	20.9	173.3	702.3	785.4	1 478.6	84.4	189.9
2298	Cordage and twine	6.0	93.8	4.7	9.2	62.4	226.2	182.5	413.0	9.5	83.5
2299	Textile goods, n.e.c.	4.5	67.8	3.8	7.7	52.1	120.1	104.9	225.2	5.9	31.5
23	**Apparel and other textile products**	**1 016.5**	**12 471.2**	**862.5**	**1 534.8**	**8 948.9**	**28 451.3**	**29 492.9**	**57 918.6**	**683.7**	**7 876.0**
231	Men's and boys' suits and coats	59.5	808.3	52.8	94.9	626.5	1 871.9	1 362.1	3 242.0	29.0	568.9
2311	Men's and boys' suits and coats	59.5	808.3	52.8	94.9	626.5	1 871.9	1 362.1	3 242.0	29.0	568.9
232	Men's and boys' furnishings	262.6	2 948.3	230.2	413.8	2 279.6	7 391.9	6 247.2	13 697.4	165.8	1 931.7
2321	Men's and boys' shirts and nightwear	74.8	811.9	65.8	118.4	630.8	1 909.7	1 857.4	3 795.4	59.7	489.1
2322	Men's and boys' underwear	10.7	129.5	10.4	18.8	117.3	268.1	229.9	514.2	4.4	66.8
2323	Men's and boys' neckwear	5.9	79.9	4.8	8.2	49.9	179.6	162.4	341.5	1.4	33.9
2327	Men's and boys' separate trousers	45.6	558.9	38.6	70.1	403.0	1 052.0	1 116.1	2 175.4	17.6	366.2
2328	Men's and boys' work clothing	82.1	868.9	73.1	129.8	705.9	2 826.2	2 095.9	4 960.9	55.2	648.3
2329	Men's and boys' clothing, n.e.c.	43.5	497.2	37.5	68.5	372.7	1 136.3	785.5	1 910.0	27.5	327.4
233	Women's and misses' outerwear	329.9	3 799.2	276.7	463.9	2 544.5	8 707.5	9 486.0	18 115.2	148.2	2 038.2
2331	Women's and misses' blouses	78.2	835.6	66.2	119.3	555.9	1 808.0	1 907.5	3 694.4	35.0	376.3
2335	Women's and misses' dresses	111.8	1 240.1	94.5	144.2	861.8	2 654.3	2 851.2	5 504.2	36.6	434.1
2337	Women's and misses' suits and coats	47.6	641.7	38.3	64.7	389.0	1 731.3	2 303.0	4 005.3	27.3	540.1
2339	Women's and misses' outerwear, n.e.c.	92.3	1 081.8	77.7	135.7	737.8	2 503.9	2 424.3	4 911.2	49.3	687.7
234	Women's and children's undergarments	73.6	855.7	62.8	112.9	615.4	1 812.3	1 712.4	3 532.9	38.8	612.6
2341	Women's and children's underwear	58.6	662.3	51.1	91.2	501.8	1 335.9	1 254.4	2 588.1	29.9	402.7
2342	Brassieres and allied garments	15.2	193.4	11.7	21.7	113.6	476.4	458.0	944.7	8.9	209.9
235	Hats, caps, and millinery	14.1	165.1	11.9	21.0	112.7	319.4	284.5	604.1	7.5	118.6
2351	Millinery	1.8	21.1	1.5	2.6	14.1	45.2	40.9	85.8	.3	13.0
2352	Hats and caps, except millinery	12.3	144.0	10.4	18.4	98.6	274.2	243.6	518.3	7.2	105.6
236	Children's outerwear	55.3	614.8	46.4	81.5	435.2	1 490.5	1 250.5	2 724.5	18.7	423.5
2361	Children's dresses and blouses	25.6	287.2	21.3	37.4	202.2	685.2	564.1	1 247.3	6.8	167.4
2363	Children's coats and suits	3.1	33.3	2.9	5.2	27.8	79.2	57.3	136.1	.6	18.5
2369	Children's outerwear, n.e.c.	26.6	294.3	22.2	39.0	205.2	726.1	629.1	1 341.0	11.3	237.6
237	Fur goods	2.2	44.4	1.6	3.2	29.8	104.7	251.2	360.4	.5	72.9
2371	Fur goods	2.2	44.4	1.6	3.2	29.8	104.7	251.2	360.4	.5	72.9
238	Miscellaneous apparel and accessories	39.8	458.5	33.5	60.1	321.0	998.7	985.5	2 000.0	11.3	365.9
2381	Fabric dress and work gloves	5.7	48.3	5.2	8.2	39.3	100.6	86.2	190.5	1.0	29.8
2384	Robes and dressing gowns	8.1	85.3	6.6	12.0	55.3	198.7	225.8	422.6	2.2	69.0
2385	Waterproof outer garments	8.1	93.4	7.1	12.5	71.6	159.2	188.3	360.5	2.7	68.4
2386	Leather and sheep lined clothing	1.7	29.8	1.3	2.3	19.6	56.0	102.6	161.4	.4	35.8
2387	Apparel belts	8.8	116.5	6.9	12.9	70.4	293.7	229.2	521.0	2.5	84.6
2389	Apparel and accessories, n.e.c.	7.4	85.2	6.4	12.1	64.8	190.5	153.4	344.0	2.5	80.3
239	Miscellaneous fabricated textile products	179.3	2 778.9	146.6	283.5	1 984.2	5 754.4	7 913.5	13 642.3	263.9	1 743.7
2391	Curtains and draperies	27.8	323.5	22.6	43.6	226.1	685.6	852.9	1 530.7	10.4	196.6
2392	House furnishings, n.e.c.	46.5	649.6	39.8	76.6	452.2	1 412.0	2 622.5	4 035.7	43.5	608.2
2393	Textile bags	6.9	86.4	5.8	10.6	56.7	207.3	296.3	499.8	4.2	88.4
2394	Canvas and related products	17.5	263.0	13.8	27.9	180.8	474.3	536.4	1 019.9	23.7	155.3
2395	Pleating and stitching	18.6	229.5	15.2	25.9	147.7	432.8	488.9	922.1	22.6	137.4
2396	Automotive and apparel trimmings	29.0	765.9	23.6	47.8	599.4	1 471.4	1 768.7	3 227.3	114.7	218.1
2397	Schiffli machine embroideries	5.3	81.2	4.5	8.8	60.9	149.8	105.8	254.8	5.4	31.7
2399	Fabricated textile products, n.e.c.	25.7	379.8	21.3	40.3	260.4	921.2	1 242.0	2 152.0	39.4	308.0

See footnotes at end of table.

1985																	
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	Standard error of estimate[1] (percent) for column –						SIC code
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T							
658.4	**9 967.1**	**585.3**	**1 101.4**	**7 609.2**	**20 693.3**	**32 258.3**	**53 276.5**	**1 863.3**	**6 988.0**	**1**	**2**	**2**	**1**	**1**	**3**	**22**
62.1	924.2	56.2	108.5	791.5	1 767.4	2 177.0	4 025.2	191.6	704.9	2	3	5	2	3	2	221
62.1	924.2	56.2	108.5	791.5	1 767.4	2 177.0	4 025.2	191.6	704.9	2	3	5	2	3	2	2211
115.0	1 832.3	99.9	197.2	1 454.2	3 542.1	4 791.4	8 401.9	484.4	1 127.5	3	6	4	3	3	6	222
115.0	1 832.3	99.9	197.2	1 454.2	3 542.1	4 791.4	8 401.9	484.4	1 127.5	3	6	4	3	3	6	2221
13.1	203.8	11.2	22.8	154.8	461.5	475.8	932.5	33.9	171.3	1	1	1	1	1	1	223
13.1	203.8	11.2	22.8	154.8	461.5	475.8	932.5	33.9	171.3	1	1	1	1	1	1	2231
16.9	242.3	14.4	27.2	173.5	550.0	415.3	962.3	28.9	157.4	5	6	22	6	6	25	224
16.9	242.3	14.4	27.2	173.5	550.0	415.3	962.3	28.9	157.4	5	6	22	6	6	25	2241
192.7	2 632.9	165.4	313.3	1 961.3	5 244.2	6 523.9	11 783.1	317.8	1 636.0	2	2	4	2	2	4	225
																2251
30.6	363.2	27.4	55.5	290.9	914.0	655.2	1 568.2	36.2	184.6	3	3	8	2	3	8	
31.7	366.4	27.9	51.0	297.4	698.1	854.5	1 551.0	31.0	213.1	5	4	11	5	5	9	2252
62.7	830.2	52.9	97.2	603.8	1 675.4	1 894.5	3 604.3	86.5	626.3	5	4	9	5	5	12	2253
24.0	301.8	21.6	39.2	250.2	491.7	671.7	1 136.2	22.7	230.9	6	8	8	5	10	13	2254
25.7	418.6	21.1	41.4	299.6	744.7	1 430.2	2 174.3	66.5	190.3	4	4	5	5	5	5	2257
15.4	278.4	12.4	25.8	193.2	658.4	956.3	1 624.5	73.0	174.5	4	3	4	3	3	5	2258
2.4	34.3	2.1	3.1	26.2	62.0	61.5	124.4	1.9	18.3	5	7	7	6	5	7	2259
52.2	887.1	42.9	87.1	650.7	1 757.7	3 779.8	5 600.9	119.2	577.5	4	3	5	4	3	4	226
9.4	155.6	8.0	15.9	122.2	250.6	586.3	846.5	27.8	81.5	16	9	6	19	12	7	2261
32.0	573.2	25.3	52.9	415.4	1 129.8	2 600.3	3 787.8	74.5	390.4	4	4	6	4	3	6	2262
10.8	158.3	9.1	18.3	113.1	377.2	593.2	966.7	16.9	105.6	4	4	3	4	4	4	2269
48.2	826.5	38.1	78.5	559.5	2 275.5	5 752.2	8 060.5	162.2	1 068.5	3	3	3	3	3	4	227
3.3	53.8	3.0	6.3	42.9	173.4	201.1	363.7	7.1	71.8	9	22	17	8	14	22	2271
42.9	735.5	33.5	69.0	493.9	2 021.7	5 439.3	7 504.7	146.3	967.2	3	3	3	3	3	4	2272
(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)	(X)	2279
104.1	1 467.4	93.7	181.4	1 207.0	2 748.9	5 212.2	8 019.0	320.4	801.9	3	2	5	2	2	10	228
69.9	981.2	63.9	124.7	830.2	1 794.2	3 012.3	4 853.3	253.2	452.8	3	3	6	2	2	13	2281
21.9	315.0	19.2	37.2	248.5	628.9	1 701.4	2 340.4	51.5	195.5	4	4	3	4	4	2	2282
3.8	51.5	3.4	6.4	42.0	80.5	155.3	234.0	3.3	40.9	33	20	1	34	21	18	2283
8.5	119.7	7.2	13.1	86.3	245.3	343.2	591.3	12.4	112.7	6	8	24	6	6	26	2284
54.1	950.6	43.5	85.3	656.7	2 346.0	3 130.7	5 491.0	204.9	741.0	3	4	8	3	3	5	229
4.2	84.4	3.2	6.6	50.5	241.0	132.8	365.4	12.3	81.0	13	25	51	12	22	21	2291
2.2	30.0	1.9	3.3	24.1	54.1	27.2	81.2	1.7	12.5	17	19	60	15	17	50	2292
4.4	71.7	3.7	7.0	51.2	171.4	182.1	355.7	5.3	32.1	4	3	15	3	5	10	2293
3.2	38.6	3.0	5.9	36.1	96.6	202.7	305.7	7.5	46.5	30	25	16	31	29	18	2294
10.4	221.2	7.7	15.7	141.7	464.8	762.4	1 228.2	33.9	178.9	7	5	3	7	5	4	2295
5.7	95.4	4.9	9.0	73.5	342.6	718.3	1 064.4	5.9	81.1	1	2	5	1	2	5	2296
12.5	237.5	9.8	19.4	162.1	640.7	780.4	1 426.7	106.7	173.8	2	3	3	4	4	2	2297
6.3	92.9	5.0	9.5	61.7	211.9	182.2	394.5	23.7	93.1	6	6	7	5	6	36	2298
5.2	78.9	4.3	8.9	55.8	123.0	142.6	269.3	7.9	42.0	13	15	18	9	11	33	2299
1 088.2	**12 470.6**	**904.0**	**1 580.7**	**9 003.4**	**27 728.4**	**29 130.2**	**56 993.1**	**697.1**	**7 997.5**	**2**	**2**	**3**	**2**	**2**	**3**	**23**
84.9	862.5	57.4	102.8	667.6	1 879.8	1 456.2	3 321.0	23.8	603.2	3	3	2	2	2	3	231
84.9	862.5	57.4	102.8	667.6	1 879.8	1 456.2	3 321.0	23.8	603.2	3	3	2	2	2	3	2311
272.2	2 943.2	237.7	421.1	2 241.1	7 250.9	6 302.3	13 569.5	161.3	2 096.3	2	2	3	2	2	3	232
80.1	823.5	69.1	120.7	613.0	1 824.6	1 802.2	3 673.8	45.5	593.3	6	6	4	5	3	6	2321
9.6	107.4	9.3	16.4	98.3	265.5	220.1	505.0	2.3	55.1	9	4	15	7	1	6	2322
5.9	80.4	4.8	8.2	47.9	174.8	161.3	341.9	1.5	34.2	9	12	5	10	12	18	2323
49.7	592.3	42.5	76.8	429.2	1 122.4	1 134.8	2 234.9	32.2	401.1	3	1	3	2	1	2	2327
84.7	883.9	75.8	133.7	718.6	2 822.4	2 265.5	5 086.0	55.3	684.5	3	3	3	2	3	3	2328
42.2	455.7	36.2	65.3	334.1	1 021.1	718.4	1 727.9	24.5	328.1	4	5	9	3	4	14	2329
354.7	3 865.3	302.8	492.9	2 662.0	8 285.1	9 160.4	17 488.5	162.7	1 983.2	4	3	6	4	2	8	233
82.1	845.6	70.0	126.3	583.6	1 729.0	1 876.3	3 642.9	33.8	384.3	8	6	18	8	5	12	2331
121.0	1 254.9	105.2	152.3	901.6	2 576.6	2 716.1	5 277.2	58.4	483.2	7	4	12	6	4	20	2335
52.9	658.8	43.6	73.8	406.4	1 630.6	2 107.8	3 752.1	23.2	470.1	11	7	8	10	6	10	2337
98.7	1 106.0	84.0	140.5	770.4	2 348.9	2 460.2	4 816.2	47.3	645.6	4	3	9	4	2	4	2339
73.3	826.2	62.6	112.2	598.4	1 759.1	1 722.2	3 490.4	47.1	633.7	4	4	8	4	4	6	234
59.4	658.7	51.7	92.1	492.7	1 357.0	1 344.2	2 715.2	34.6	432.0	5	5	10	5	4	8	2341
13.9	169.5	10.9	20.1	105.7	402.1	378.0	775.2	12.3	201.7	6	5	9	6	4	7	2342
14.2	166.7	12.2	21.0	119.4	297.4	291.3	595.1	18.2	119.2	16	11	10	13	10	18	235
2.2	24.4	1.9	2.8	17.0	42.7	51.0	100.6	(S)	16.4	21	17	33	15	22	(X)	2351
12.0	142.3	10.3	18.2	102.4	254.7	240.3	494.4	17.7	102.8	18	12	11	15	11	19	2352
59.9	648.2	50.8	87.6	463.8	1 470.2	1 238.6	2 740.9	26.6	415.3	9	8	19	9	7	8	236
26.7	291.9	22.3	37.1	204.8	678.6	579.6	1 268.7	13.2	162.1	19	15	13	18	13	7	2361
3.6	36.4	3.3	5.7	29.4	86.9	58.0	144.6	.9	18.1	20	10	16	12	6	9	2363
29.6	319.9	25.2	44.8	229.6	702.8	601.0	1 327.6	12.5	235.1	6	5	30	5	5	15	2369
2.5	48.4	1.7	3.4	30.7	108.0	273.9	383.7	.5	79.0	18	11	17	16	9	18	237
2.5	48.4	1.7	3.4	30.7	108.0	273.9	383.7	.5	79.0	18	11	17	16	9	18	2371
42.5	470.8	35.6	63.6	334.9	1 037.1	1 010.1	2 053.4	13.6	384.3	6	6	12	6	6	7	238
6.6	58.5	6.0	10.1	47.7	138.2	126.0	261.3	1.5	49.5	4	8	2	5	7	1	2381
8.6	83.5	6.9	12.4	55.8	185.8	198.2	386.8	2.4	56.4	3	5	23	2	6	30	2384
8.3	95.6	7.3	12.6	75.5	182.9	193.7	386.1	5.0	77.4	4	3	2	4	2	2	2385
2.0	31.0	1.5	2.8	22.1	58.3	107.5	164.3	.8	38.1	59	18	18	50	16	27	2386
9.5	120.5	7.5	13.8	70.7	278.3	223.4	504.9	2.2	84.1	12	10	21	11	8	16	2387
7.5	81.7	6.4	11.9	63.1	193.6	161.3	350.0	1.7	78.9	26	26	43	26	26	17	2389
175.0	2 639.3	143.2	276.0	1 885.5	5 640.8	7 675.2	13 350.6	243.3	1 683.3	5	3	5	5	3	4	239
25.8	300.3	20.5	38.4	201.7	589.1	785.4	1 379.0	6.8	175.2	24	16	28	20	16	27	2391
47.5	612.2	39.3	74.5	427.4	1 405.2	2 537.4	3 951.4	38.7	600.2	10	6	15	9	7	13	2392
7.1	87.9	6.0	10.5	58.8	219.0	291.6	502.0	4.6	83.5	10	9	16	9	9	17	2393
17.2	247.7	13.6	29.4	173.8	462.2	546.6	1 013.8	19.8	174.8	9	10	27	9	12	20	2394
17.8	204.9	14.5	25.3	131.4	403.9	421.3	829.3	13.1	127.4	7	11	21	8	15	12	2395
28.7	725.4	23.4	47.9	565.1	1 467.5	1 666.1	3 156.5	91.8	205.0	4	3	2	3	3	2	2396
5.7	90.4	4.8	9.4	67.4	159.2	95.7	252.8	6.0	26.9	9	20	7	7	16	7	2697
25.4	370.5	21.1	40.8	259.9	934.7	1 331.1	2 265.7	62.5	290.3	8	5	6	8	5	9	2399

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1985									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
24	**Lumber and wood products**	**619.5**	**10 819.7**	**512.4**	**1 003.3**	**8 135.2**	**23 238.6**	**34 977.7**	**58 158.3**	**1 657.2**	**6 571.8**
241	Logging camps and logging contractors	72.3	1 250.0	60.6	112.2	1 022.3	2 892.3	5 306.5	8 235.7	341.3	617.2
2411	Logging camps and logging contractors	72.3	1 250.0	60.6	112.2	1 022.3	2 892.3	5 306.5	8 235.7	341.3	617.2
242	Sawmills and planing mills	170.3	2 959.9	149.3	298.2	2 414.9	8 533.7	10 096.4	16 553.3	494.6	2 375.9
2421	Sawmills and planing mills, general	141.1	2 547.3	123.8	247.7	2 088.3	5 774.8	9 247.0	14 953.3	440.6	2 108.7
2426	Hardwood dimension and flooring	27.2	386.1	23.8	48.2	305.6	718.1	793.2	1 503.0	52.7	244.4
2429	Special product sawmills, n.e.c.	2.0	26.5	1.7	2.4	21.0	40.8	56.2	97.0	1.3	22.8
243	Millwork, plywood, and structural members	200.2	3 782.2	161.9	329.5	2 770.5	7 717.6	10 719.6	18 404.6	414.1	2 007.7
2431	Millwork	77.2	1 493.4	61.1	119.8	1 054.9	3 091.0	4 692.9	7 748.9	164.9	1 052.5
2434	Wood kitchen cabinets	53.4	901.7	42.3	85.8	623.1	1 842.9	1 501.9	3 342.2	81.9	383.4
2435	Hardwood veneer and plywood	17.0	268.7	14.3	29.7	197.4	632.0	946.9	1 585.2	38.0	211.3
2436	Softwood veneer and plywood	35.9	826.1	32.3	71.9	711.3	1 678.4	2 727.6	4 401.1	95.8	251.1
2439	Structural wood members, n.e.c.	16.7	292.3	11.9	22.4	183.8	473.3	850.3	1 327.2	33.5	129.4
244	Wood containers	31.3	420.2	25.2	44.2	292.4	829.9	1 136.3	1 968.4	37.8	180.4
2441	Nailed wood boxes and shook	5.6	77.3	4.5	8.2	54.7	157.1	181.8	338.5	6.5	24.8
2448	Wood pallets and skids	20.7	284.6	16.3	27.9	191.5	588.8	803.5	1 394.1	26.3	107.5
2449	Wood containers, n.e.c.	5.0	58.3	4.4	8.2	46.2	84.0	151.0	235.9	3.0	48.1
245	Wood buildings and mobile homes	62.1	1 096.9	48.4	92.1	705.4	2 177.3	3 843.8	6 040.3	102.5	420.3
2451	Mobile homes	41.8	735.4	34.1	64.3	496.2	1 400.1	2 636.1	4 053.4	67.9	211.7
2452	Prefabricated wood buildings	20.3	361.5	14.3	27.8	209.2	777.2	1 207.7	1 987.0	34.6	208.6
249	Miscellaneous wood products	83.3	1 310.5	67.0	127.0	929.7	3 087.8	3 875.1	6 956.0	266.9	970.3
2491	Wood preserving	11.1	181.1	8.6	17.1	127.9	504.1	1 269.3	1 774.0	35.3	324.7
2492	Particleboard	7.9	167.7	6.4	13.6	143.1	580.7	616.7	1 195.9	116.6	77.4
2499	Wood products, n.e.c.	64.3	941.7	52.0	96.2	658.7	2 003.0	1 989.1	3 986.1	115.0	568.2
25	**Furniture and fixtures**	**466.7**	**8 030.4**	**376.1**	**733.5**	**5 556.4**	**17 659.4**	**15 490.1**	**33 081.2**	**778.0**	**4 850.5**
251	Household furniture	266.8	4 024.6	227.1	441.5	2 973.9	8 577.7	8 474.2	16 991.0	300.9	2 560.8
2511	Wood household furniture	128.6	1 799.5	114.1	223.1	1 414.7	3 802.8	3 468.6	7 237.5	138.5	1 393.1
2512	Upholstered household furniture	77.9	1 206.2	65.6	125.0	896.4	2 489.2	2 463.8	4 945.0	79.1	526.9
2514	Metal household furniture	26.9	438.2	21.7	43.0	289.6	941.7	980.0	1 901.5	29.7	353.8
2515	Mattresses and bedsprings	20.3	376.7	14.5	28.7	216.9	961.5	1 112.3	2 074.6	23.7	184.3
2517	Wood TV and radio cabinets	6.2	95.1	5.4	10.2	75.8	189.6	196.0	382.1	8.0	38.4
2519	Household furniture, n.e.c.	6.9	108.9	5.8	11.5	80.5	192.9	253.5	450.3	21.9	64.3
252	Office furniture	68.5	1 498.7	50.6	98.9	968.6	3 787.9	2 470.6	6 259.0	260.4	837.6
2521	Wood office furniture	24.8	426.2	19.8	37.9	288.9	913.8	608.9	1 530.2	42.1	274.7
2522	Metal office furniture	43.7	1 072.5	30.8	61.0	679.7	2 874.1	1 861.7	4 728.9	218.3	562.9
253	Public building and related furniture	22.9	399.7	17.4	33.0	257.4	827.7	831.6	1 654.8	42.1	246.2
2531	Public building and related furniture	22.9	399.7	17.4	33.0	257.4	827.7	831.6	1 654.8	42.1	246.2
254	Partitions and fixtures	66.4	1 362.1	50.2	99.4	894.5	2 723.6	2 171.3	4 892.1	125.9	674.7
2541	Wood partitions and fixtures	34.0	721.0	26.3	51.9	487.8	1 349.3	993.1	2 337.9	75.7	291.2
2542	Metal partitions and fixtures	32.4	641.1	23.9	47.5	406.7	1 374.3	1 178.2	2 554.2	50.2	383.5
259	Miscellaneous furniture and fixtures	42.1	745.3	30.8	60.8	462.0	1 742.5	1 542.4	3 284.3	48.7	531.2
2591	Drapery hardware and blinds and shades	18.2	296.2	13.7	26.8	188.8	748.5	822.6	1 570.6	15.9	280.7
2599	Furniture and fixtures, n.e.c.	23.9	449.1	17.1	34.0	273.2	994.0	719.8	1 713.7	32.8	250.5
26	**Paper and allied products**	**602.6**	**16 112.8**	**458.4**	**952.7**	**11 296.9**	**43 924.5**	**53 943.5**	**97 853.2**	**6 084.4**	**10 238.4**
261	Pulp mills	15.3	593.7	11.8	25.6	448.7	1 590.8	2 212.7	3 837.3	874.6	437.6
2611	Pulp mills	15.3	593.7	11.8	25.6	448.7	1 590.8	2 212.7	3 837.3	874.6	437.6
262	Paper mills, except building paper	128.8	4 405.0	99.4	210.1	3 283.3	12 032.9	13 640.9	25 705.9	2 153.3	2 512.7
2621	Paper mills, except building paper	128.8	4 405.0	99.4	210.1	3 283.3	12 032.9	13 640.9	25 705.9	2 153.3	2 512.7
263	Paperboard mills	51.0	1 713.9	39.2	85.3	1 281.5	4 947.2	6 133.3	11 160.3	999.6	758.8
2631	Paperboard mills	51.0	1 713.9	39.2	85.3	1 281.5	4 947.2	6 133.3	11 160.3	999.6	758.8
264	Miscellaneous converted paper products	215.3	4 993.1	162.0	331.4	3 336.1	16 176.0	17 636.2	33 692.9	1 247.1	3 858.4
2641	Paper coating and glazing	43.4	1 148.5	29.9	63.4	679.5	3 503.0	4 189.5	7 679.7	291.7	961.9
2642	Envelopes	25.2	545.4	19.2	40.3	370.7	1 048.1	1 292.3	2 336.7	72.8	272.1
2643	Bags, except textile bags	49.9	1 047.4	39.3	81.6	728.6	2 818.9	3 510.4	6 305.1	269.1	783.3
2645	Die-cut paper and board	17.9	328.0	14.0	26.7	218.2	788.4	1 011.6	1 794.8	31.0	235.9
2646	Pressed and molded pulp goods	2.9	67.1	2.3	5.0	53.6	159.7	105.4	269.0	11.8	37.4
2647	Sanitary paper products	37.8	1 123.3	29.4	60.9	834.8	5 913.2	5 256.3	11 153.2	466.0	701.7
2648	Stationery products	12.7	229.4	9.5	17.5	142.9	515.8	711.1	1 200.8	43.5	277.6
2649	Converted paper products, n.e.c.	25.5	504.0	18.4	36.2	307.8	1 418.9	1 559.6	2 953.5	61.2	586.5
265	Paperboard containers and boxes	189.8	4 345.8	144.1	296.4	2 901.6	9 042.4	14 144.3	23 145.5	799.4	2 636.1
2651	Folding paperboard boxes	44.2	1 036.2	35.2	73.5	738.0	2 092.3	2 555.9	4 622.4	147.0	727.1
2652	Set-up paperboard boxes	9.1	127.5	7.4	15.4	90.9	267.8	280.0	552.0	13.2	63.2
2653	Corrugated and solid fiber boxes	99.2	2 366.9	71.9	146.4	1 480.0	4 737.8	8 754.1	13 465.6	433.5	1 221.4
2654	Sanitary food containers	24.7	540.1	19.4	40.4	390.1	1 350.3	1 576.8	2 934.2	142.6	466.2
2655	Fiber cans, drums, and similar products	12.6	275.1	10.2	20.8	202.6	594.2	977.5	1 571.3	63.1	158.2
266	Building paper and board mills	2.4	61.3	1.9	4.0	45.7	135.2	176.1	311.2	10.4	34.8
2661	Building paper and board mills	2.4	61.3	1.9	4.0	45.7	135.2	176.1	311.2	10.4	34.8

See footnotes at end of table.

1985										Standard error of estimate[1] (percent) for column—						SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)							
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)												
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
612.9	**10 407.4**	**514.2**	**996.4**	**7 835.8**	**21 065.5**	**33 168.8**	**54 185.1**	**1 663.5**	**6 354.8**	**2**	**2**	**4**	**2**	**2**	**3**	**24**
76.3	1 259.5	65.2	116.1	1 033.2	2 944.0	5 524.9	8 518.0	356.0	700.2	5	5	12	4	6	10	241
76.3	1 259.5	65.2	116.1	1 033.2	2 944.0	5 524.9	8 518.0	356.0	700.2	5	5	12	4	6	10	2411
164.7	2 788.1	145.1	286.4	2 256.3	5 397.2	9 110.6	14 476.7	481.8	2 176.5	3	4	7	3	3	6	242
136.3	2 411.6	119.9	238.3	1 958.2	4 665.0	8 334.4	12 973.9	443.8	1 945.3	3	4	7	3	4	6	2421
26.2	347.7	23.2	45.4	276.0	688.3	705.7	1 392.4	36.5	205.8	7	8	20	6	8	18	2426
2.2	28.8	2.0	2.7	22.1	43.9	70.5	110.4	1.5	25.4	25	31	34	16	23	48	2429
196.1	3 562.6	161.9	324.4	2 618.3	6 812.1	9 870.2	16 707.3	408.4	1 888.5	3	3	5	3	3	5	243
73.1	1 359.5	59.2	115.5	961.2	2 637.6	4 186.7	6 812.8	137.4	953.2	4	5	9	4	6	8	2431
54.5	863.5	44.6	89.1	611.0	1 659.4	1 425.9	3 083.6	67.3	356.2	6	7	11	6	6	14	2434
17.3	273.8	14.8	29.2	194.6	552.0	939.3	1 510.0	34.9	213.7	7	8	16	6	8	21	2435
35.7	798.7	32.1	70.0	691.5	1 495.4	2 578.4	4 091.2	130.9	241.3	1	2	2	2	2	6	2436
15.5	267.1	11.2	20.5	159.8	467.7	739.9	1 209.6	37.9	124.1	10	12	14	10	11	17	2439
33.0	450.3	27.3	51.7	319.1	841.0	1 135.1	1 972.9	46.6	190.9	14	12	26	10	10	22	244
6.0	79.1	4.8	8.9	56.0	146.8	179.6	329.7	4.8	21.8	14	17	39	12	16	31	2441
21.2	301.8	17.4	33.2	209.1	598.3	771.9	1 363.9	39.7	110.5	19	15	33	15	12	25	2448
5.8	69.4	5.1	9.6	54.0	96.0	183.6	279.3	2.1	58.6	30	45	28	14	24	18	2449
63.0	1 088.1	49.3	92.5	708.5	2 166.7	3 796.8	5 950.7	104.1	447.7	3	3	8	3	3	5	245
44.3	764.0	36.2	68.7	527.8	1 465.5	2 783.8	4 236.5	68.5	248.4	3	3	11	3	3	6	2451
18.7	324.1	13.1	23.7	180.7	701.2	1 013.0	1 714.2	35.6	199.3	6	6	11	5	7	10	2452
79.8	1 258.8	65.4	125.3	900.4	2 904.5	3 731.2	6 559.4	266.6	951.0	6	4	4	4	4	4	249
11.1	184.0	9.0	18.2	133.4	525.9	1 206.4	1 683.5	47.7	323.4	12	13	8	11	14	13	2491
6.8	155.4	5.5	12.0	121.5	442.8	543.3	980.4	72.2	63.6	2	8	4	2	9	5	2492
61.9	919.4	50.9	95.1	645.5	1 935.7	1 981.5	3 895.5	146.7	564.0	7	4	6	5	4	4	2499
472.3	**7 754.6**	**380.0**	**726.8**	**5 345.5**	**16 478.8**	**14 764.3**	**31 293.8**	**763.3**	**4 733.6**	**2**	**2**	**4**	**2**	**2**	**3**	**25**
271.7	3 880.2	230.0	433.4	2 829.9	7 827.2	7 987.2	15 838.3	297.8	2 451.9	3	3	6	3	2	5	251
133.2	1 748.8	115.9	221.1	1 352.1	3 526.7	3 194.6	6 727.6	151.6	1 380.3	4	5	8	4	4	8	2511
76.0	1 116.9	64.3	118.2	831.0	2 193.0	2 352.2	4 550.7	60.1	498.4	3	3	13	3	2	4	2512
27.2	420.5	22.4	42.9	279.6	885.3	939.3	1 828.9	36.9	316.8	5	5	7	4	4	12	2514
21.1	369.7	15.3	28.8	212.6	856.3	1 057.4	1 920.9	27.6	174.0	12	6	10	11	6	14	2515
7.2	98.9	6.2	11.2	76.0	177.2	186.0	364.4	9.4	34.8	7	4	8	6	7	8	2517
7.0	105.4	5.9	11.3	78.6	188.6	257.7	445.7	12.2	67.6	14	13	5	13	15	5	2519
68.3	1 446.6	50.3	99.9	940.2	3 630.7	2 405.0	6 035.6	226.7	837.9	3	3	3	3	2	3	252
23.7	410.5	18.5	37.0	270.0	942.8	557.4	1 505.4	54.8	260.0	6	6	9	4	5	9	2521
44.6	1 036.1	31.8	62.9	670.2	2 687.9	1 847.6	4 530.2	171.9	577.9	4	2	3	3	2	2	2522
21.2	369.9	15.8	31.0	232.6	728.2	687.5	1 415.8	46.0	219.3	7	7	17	7	7	13	253
21.2	369.9	15.8	31.0	232.6	728.2	687.5	1 415.8	46.0	219.3	7	7	17	7	7	13	2531
67.9	1 318.0	51.5	98.7	871.8	2 634.2	2 155.4	4 805.9	124.7	685.9	5	5	13	5	5	11	254
35.6	703.0	27.3	52.8	483.3	1 325.8	988.6	2 315.3	62.9	292.6	8	8	21	7	8	19	2541
32.3	615.0	24.2	45.9	388.5	1 308.4	1 166.8	2 490.5	61.8	393.3	5	5	9	5	5	10	2542
43.2	759.9	32.4	63.7	471.0	1 658.5	1 529.2	3 198.3	68.1	538.6	4	4	7	5	5	7	259
18.4	294.9	14.2	27.3	189.8	692.3	768.3	1 473.6	26.1	275.9	7	5	6	7	5	4	2591
24.8	465.0	18.2	36.4	281.2	966.2	760.9	1 724.7	42.0	262.7	5	5	10	6	7	11	2599
'603.9	**'15 346.0**	**'461.9**	**'943.3**	**'10 779.5**	**'40 422.3**	**'53 014.8**	**'93 392.9**	**'6 272.7**	**'9 894.1**	**1**	**1**	**1**	**1**	**1**	**1**	**26**
16.3	555.4	12.4	25.5	413.0	1 133.1	2 095.0	3 228.0	745.0	453.1	1	1	1	1	1	1	261
16.3	555.4	12.4	25.5	413.0	1 133.1	2 095.0	3 228.0	745.0	453.1	1	1	1	1	1	1	2611
131.8	4 259.4	101.5	212.0	3 181.8	11 074.4	13 929.7	24 960.1	2 484.3	2 512.8	1	1	1	1	1	1	262
131.8	4 259.4	101.5	212.0	3 181.8	11 074.4	13 929.7	24 960.1	2 484.3	2 512.8	1	1	1	1	1	1	2621
53.9	1 668.4	41.1	86.5	1 241.3	4 299.6	6 171.7	10 494.0	1 043.4	815.3	1	1	2	1	1	2	263
53.9	1 668.4	41.1	86.5	1 241.3	4 299.6	6 171.7	10 494.0	1 043.4	815.3	1	1	2	1	1	2	2631
210.9	4 668.8	161.3	326.3	3 148.1	'14 880.1	'16 722.7	31 545.0	1 218.5	'3 590.5	2	1	3	2	1	3	264
41.9	1 059.7	29.2	61.7	626.8	3 008.3	3 894.5	6 893.4	268.6	890.4	3	2	4	4	2	7	2641
24.0	503.4	18.6	39.0	343.4	991.6	1 164.3	2 147.4	74.1	251.0	5	4	21	5	4	21	2642
48.4	973.1	38.6	78.2	683.1	2 485.4	3 282.9	5 784.9	214.8	721.2	3	3	7	3	3	8	2643
16.9	302.2	13.6	25.8	204.6	677.9	1 052.9	1 730.3	35.0	232.7	5	7	7	4	6	10	2645
2.9	62.6	2.3	4.7	49.2	'151.6	'102.7	257.5	9.2	30.8	13	4	2	15	6	5	2646
38.0	1 045.7	30.0	61.1	785.7	5 630.3	5 132.2	10 751.3	486.7	683.1	1	1	1	1	1	1	2647
12.4	228.3	9.7	18.4	151.5	491.0	620.7	1 101.5	48.9	242.9	6	6	15	6	6	18	2648
26.4	493.8	19.3	37.3	303.8	'1 444.1	1 472.5	2 878.7	61.2	'538.4	5	3	8	5	3	6	2649
187.5	4 106.2	142.8	286.8	2 726.2	8 827.9	13 855.4	22 697.1	763.7	2 477.5	2	1	2	2	2	3	265
43.5	969.9	34.6	70.5	689.5	1 960.4	2 460.5	4 413.8	153.6	687.7	3	3	7	2	3	7	2651
9.2	126.8	7.7	15.1	86.3	244.0	230.4	479.0	16.8	61.9	17	17	33	22	21	36	2652
97.9	2 231.8	71.1	142.3	1 390.2	4 565.1	8 501.0	13 092.9	420.3	1 117.1	2	2	3	3	2	3	2653
23.4	492.9	18.4	37.2	351.4	1 424.9	1 603.3	3 014.7	112.5	449.7	2	2	2	2	1	2	2654
13.5	264.8	11.0	21.8	208.8	633.5	1 060.2	1 696.7	60.5	161.1	7	5	4	6	4	4	2655
'3.5	'87.8	'2.8	'6.1	'69.1	'207.2	'240.3	'448.8	'17.8	'44.9	2	2	4	1	1	2	266
'3.5	'87.8	'2.8	'6.1	'69.1	'207.2	'240.3	'448.8	'17.8	'44.9	2	2	4	1	1	2	2661

Table 2. **Statistics for Industry Groups and Industries: 1986 and 1985**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
27	**Printing and publishing**	**1 376.2**	**29 890.4**	**738.4**	**1 414.7**	**14 099.3**	**78 150.4**	**40 671.7**	**118 570.6**	**4 385.0**	**8 859.2**
271	Newspapers	420.0	8 380.5	151.9	270.0	2 913.0	22 168.6	7 024.5	29 205.9	1 296.0	783.6
2711	Newspapers	420.0	8 380.5	151.9	270.0	2 913.0	22 168.6	7 024.5	29 205.9	1 296.0	783.6
272	Periodicals	98.1	2 710.9	14.2	24.9	288.9	10 196.0	5 558.1	15 719.4	274.1	783.9
2721	Periodicals	98.1	2 710.9	14.2	24.9	288.9	10 196.0	5 558.1	15 719.4	274.1	783.9
273	Books	115.1	2 706.0	48.4	93.7	908.0	9 639.2	4 334.3	13 833.9	384.1	2 282.5
2731	Book publishing	71.6	1 775.6	14.4	25.6	259.4	7 755.9	3 099.8	10 731.5	202.8	1 982.2
2732	Book printing	43.5	930.4	34.0	68.2	648.6	1 883.3	1 234.5	3 102.4	181.3	300.3
274	Miscellaneous publishing	53.1	1 129.1	18.4	31.3	275.3	3 631.5	1 246.9	4 887.4	102.6	347.5
2741	Miscellaneous publishing	53.1	1 129.1	18.4	31.3	275.3	3 631.5	1 246.9	4 887.4	102.6	347.5
275	Commercial printing	494.9	10 674.9	364.7	716.0	6 949.2	21 490.3	16 627.8	38 041.5	1 779.4	2 950.9
2751	Commercial printing, letterpress	120.1	2 206.3	86.6	168.6	1 361.7	4 590.7	3 335.8	7 920.3	250.4	703.3
2752	Commercial printing, lithographic	337.0	7 513.3	247.9	487.5	4 897.0	14 819.2	11 598.9	26 371.1	1 335.9	1 920.9
2753	Engraving and plate printing	12.1	253.8	9.4	17.3	163.8	495.0	193.5	683.3	20.8	60.4
2754	Commercial printing, gravure	25.7	701.5	20.8	42.6	526.7	1 585.4	1 499.6	3 066.8	172.3	266.3
276	Manifold business forms	54.2	1 272.0	37.9	80.0	826.9	3 676.1	3 337.1	6 985.1	212.9	774.3
2761	Manifold business forms	54.2	1 272.0	37.9	80.0	826.9	3 676.1	3 337.1	6 985.1	212.9	774.3
277	Greeting card publishing	20.0	407.4	10.8	19.3	174.0	2 036.2	620.2	2 681.4	48.4	319.6
2771	Greeting card publishing	20.0	407.4	10.8	19.3	174.0	2 036.2	620.2	2 681.4	48.4	319.6
278	Blankbooks and bookbinding	61.5	1 166.9	48.6	97.2	797.2	2 595.9	1 113.2	3 688.3	119.1	370.9
2782	Blankbooks and looseleaf binders	33.0	708.4	25.4	52.6	459.5	1 792.2	864.1	2 640.1	79.6	279.4
2789	Bookbinding and related work	28.5	458.5	23.2	44.6	337.7	803.7	249.1	1 048.2	39.5	91.5
279	Printing trade services	59.3	1 442.7	43.5	82.2	966.8	2 716.6	809.6	3 527.7	168.4	246.0
2791	Typesetting	33.6	686.6	26.0	49.5	477.8	1 282.5	311.8	1 593.1	72.1	112.1
2793	Photoengraving	3.5	67.8	2.5	4.5	44.2	122.0	39.5	160.7	10.1	7.9
2794	Electrotyping and stereotyping										
2795	Lithographic platemaking services	22.2	688.3	15.0	28.2	444.8	1 312.1	458.3	1 773.9	86.2	126.0
28	**Chemicals and allied products**	**801.6**	**23 710.9**	**458.1**	**927.7**	**11 755.6**	**100 013.2**	**96 550.7**	**197 090.8**	**7 907.4**	**24 214.6**
281	Industrial inorganic chemicals	99.4	3 143.0	53.9	111.5	1 563.9	10 972.9	8 501.0	19 490.7	811.8	1 969.7
2812	Alkalies and chlorine	6.7	218.3	4.5	9.0	137.2	1 028.0	957.9	2 010.9	122.1	131.2
2813	Industrial gases	8.6	248.4	4.0	8.8	112.0	1 386.7	1 002.6	2 401.9	122.1	90.7
2816	Inorganic pigments	9.1	277.5	5.6	11.5	155.6	1 152.9	1 036.5	2 192.5	80.3	336.9
2819	Industrial inorganic chemicals, n.e.c.	75.0	2 398.8	39.8	82.2	1 159.1	7 405.3	5 504.0	12 885.4	487.3	1 410.9
282	Plastics materials and synthetics	124.3	3 942.3	85.1	173.7	2 411.3	14 151.7	20 912.1	35 222.0	1 897.6	4 092.4
2821	Plastics materials and resins	54.7	1 893.6	34.1	72.2	1 087.5	8 149.4	13 233.7	21 483.7	1 264.2	2 393.6
2822	Synthetic rubber	9.6	336.5	6.3	12.9	199.7	1 099.2	1 594.1	2 739.8	116.6	309.4
2823	Cellulosic manmade fibers	12.0	314.4	9.0	18.3	200.4	615.7	713.2	1 321.8	54.9	148.0
2824	Organic fibers, noncellulosic	48.0	1 397.8	35.7	70.3	923.7	4 287.4	5 371.1	9 676.7	461.9	1 241.4
283	Drugs	165.9	4 961.5	78.4	150.9	1 807.1	24 392.9	10 092.4	34 417.9	1 331.1	4 577.5
2831	Biological products	25.9	683.6	11.4	20.8	210.6	1 940.1	1 146.0	3 085.5	126.1	621.4
2833	Medicinals and botanicals	15.8	497.6	8.3	16.6	234.9	1 854.9	1 285.0	3 153.1	147.2	560.1
2834	Pharmaceutical preparations	124.2	3 780.3	58.7	113.5	1 361.6	20 597.9	7 661.4	28 179.3	1 057.8	3 396.0
284	Soaps, cleaners, and toilet goods	121.7	3 128.0	70.8	143.8	1 521.5	18 627.1	12 794.8	31 386.1	741.7	3 509.8
2841	Soap and other detergents	32.3	974.5	19.4	40.4	543.1	4 639.1	5 703.2	10 346.1	287.7	1 179.6
2842	Polishes and sanitation goods	21.1	478.5	13.2	27.9	259.1	3 080.1	1 854.4	4 927.7	105.7	435.5
2843	Surface active agents	9.5	286.9	4.4	9.5	103.9	1 182.8	1 590.2	2 779.5	71.4	331.2
2844	Toilet preparations	58.8	1 388.1	33.8	66.0	615.4	9 725.1	3 647.0	13 332.9	276.9	1 563.5
285	Paints and allied products	55.8	1 416.3	28.8	57.0	611.4	5 407.2	6 302.6	11 724.9	254.2	1 494.9
2851	Paints and allied products	55.8	1 416.3	28.8	57.0	611.4	5 407.2	6 302.6	11 724.9	254.2	1 494.9
286	Industrial organic chemicals	111.6	3 896.0	66.3	137.8	2 133.3	14 715.6	22 308.8	37 266.2	1 843.1	5 035.5
2861	Gum and wood chemicals	2.9	63.7	2.3	4.9	44.8	205.5	287.8	493.1	19.5	103.6
2865	Cyclic crudes and intermediates	22.0	735.1	12.7	26.3	395.6	2 687.9	4 242.3	7 013.4	332.6	985.5
2869	Industrial organic chemicals, n.e.c.	86.7	3 097.2	51.3	106.6	1 692.9	11 822.2	17 778.7	29 759.7	1 491.0	3 946.4
287	Agricultural chemicals	40.9	1 151.9	25.2	52.2	623.2	4 707.5	7 782.6	12 669.9	523.0	1 841.1
2873	Nitrogenous fertilizers	6.5	202.4	4.0	8.8	114.1	626.6	1 433.6	2 177.6	84.9	358.6
2874	Phosphatic fertilizers	11.3	321.9	7.3	15.1	191.2	612.4	2 709.6	3 396.4	218.2	459.8
2875	Fertilizers, mixing only	8.2	150.0	5.1	10.4	76.7	492.3	1 242.7	1 738.9	19.3	251.4
2879	Agricultural chemicals, n.e.c.	14.8	477.6	8.8	18.0	241.2	2 976.2	2 396.7	5 357.0	200.6	771.3
289	Miscellaneous chemical products	82.0	2 071.9	49.6	100.8	1 083.9	7 038.3	7 856.4	14 913.2	504.9	1 693.7
2891	Adhesives and sealants	19.3	441.8	11.6	22.4	211.6	1 596.4	2 233.3	3 838.3	82.8	398.3
2892	Explosives	13.0	331.8	8.5	16.0	185.3	667.7	351.7	1 020.3	32.2	122.6
2893	Printing ink	9.9	271.7	5.7	12.0	136.0	753.0	1 293.3	2 036.0	39.7	231.9
2895	Carbon black	1.8	63.1	1.3	3.0	44.8	243.9	315.3	570.2	23.2	44.4
2899	Chemical preparations, n.e.c.	38.0	963.5	22.5	47.4	506.2	3 777.3	3 662.8	7 448.4	327.0	896.5
29	**Petroleum and coal products**	**124.5**	**4 214.7**	**81.8**	**168.1**	**2 598.2**	**17 495.8**	**103 740.9**	**124 878.3**	**2 577.5**	**9 162.5**
291	Petroleum refining	64.2	3 131.1	55.2	112.8	1 967.4	13 761.7	95 995.2	113 286.4	2 273.0	8 259.8
2911	Petroleum refining	64.2	3 131.1	55.2	112.8	1 967.4	13 761.7	95 995.2	113 286.4	2 273.0	8 259.8
295	Paving and roofing materials	27.8	744.8	19.9	41.6	476.2	2 495.4	4 923.4	7 499.0	191.9	434.5
2951	Paving mixtures and blocks	14.7	404.7	10.6	22.1	255.4	1 330.9	2 644.0	4 024.1	102.9	183.4
2952	Asphalt felts and coatings	13.1	340.1	9.3	19.4	220.8	1 164.5	2 279.4	3 474.9	89.0	251.1
299	Miscellaneous petroleum and coal products	12.5	338.8	6.7	13.7	154.6	1 238.7	2 822.3	4 092.9	112.6	468.2
2992	Lubricating oils and greases	10.4	283.0	5.3	10.7	119.4	991.4	2 339.0	3 355.6	101.1	350.3
2999	Petroleum and coal products, n.e.c.	2.1	55.8	1.4	3.0	35.2	247.3	483.3	737.3	11.5	117.9

See footnotes at end of table.

1985																	
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	Standard error of estimate[1] (percent) for column—						SIC code
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)												
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
1 350.8	**28 169.2**	**742.1**	**1 384.4**	**13 554.4**	**73 054.3**	**39 103.8**	**111 885.0**	**4 715.3**	**8 491.4**	**1**	**1**	**2**	**1**	**1**	**3**	**27**
411.0	7 904.7	151.3	265.9	2 829.0	20 426.3	6 584.6	27 014.7	1 429.7	833.7	2	1	2	2	1	2	271
411.0	7 904.7	151.3	265.9	2 829.0	20 426.3	6 584.6	27 014.7	1 429.7	833.7	2	1	2	2	1	2	2711
95.8	2 554.5	16.2	28.4	272.4	9 678.1	5 579.8	15 246.4	339.7	817.6	3	2	5	3	2	7	272
95.8	2 554.5	16.2	28.4	272.4	9 678.1	5 579.8	15 246.4	339.7	817.6	3	2	5	3	2	7	2721
114.3	2 558.8	49.5	95.1	897.9	9 161.1	4 198.0	13 115.5	434.2	2 168.5	3	3	5	3	2	20	273
70.9	1 672.1	15.6	28.6	279.8	7 395.8	3 021.1	10 198.2	232.1	1 895.1	4	3	3	3	2	4	2731
43.4	886.7	33.9	66.5	618.1	1 765.3	1 174.9	2 919.4	202.1	273.4	4	4	10	3	3	42	2732
52.0	1 047.4	17.1	29.5	239.2	3 264.6	1 199.5	4 437.0	109.7	349.5	4	3	9	4	3	6	274
52.0	1 047.4	17.1	29.5	239.2	3 264.6	1 199.5	4 437.0	109.7	349.5	4	3	9	4	3	6	2741
491.9	10 056.6	365.7	696.2	6 692.3	20 319.9	15 919.0	36 196.9	1 844.9	2 812.0	2	2	4	2	2	4	275
117.9	2 035.5	87.6	163.9	1 284.1	4 339.8	3 115.3	7 451.9	247.6	663.4	3	4	8	3	3	9	2751
335.4	7 097.5	248.2	472.7	4 744.7	13 949.0	11 079.8	25 024.8	1 410.7	1 828.3	3	3	5	3	2	5	2752
11.6	236.5	8.5	16.4	156.1	455.8	184.0	637.9	26.6	55.0	7	6	30	6	5	33	2753
27.0	687.1	21.4	43.3	507.4	1 575.3	1 539.9	3 082.3	160.0	265.3	4	2	2	3	2	2	2754
54.2	1 199.6	38.6	80.1	794.7	3 469.6	3 195.6	6 669.0	218.3	675.2	3	3	8	3	3	11	276
54.2	1 199.6	38.6	80.1	794.7	3 469.6	3 195.6	6 669.0	218.3	675.2	3	3	8	3	3	11	2761
19.9	397.5	10.8	17.7	166.9	1 894.8	672.9	2 598.0	46.5	240.3	7	3	4	7	2	5	277
19.9	397.5	10.8	17.7	166.9	1 894.8	672.9	2 598.0	46.5	240.3	7	3	4	7	2	5	2771
61.2	1 074.1	48.6	91.1	734.9	2 312.9	1 035.9	3 353.6	118.6	335.5	11	5	20	10	5	23	278
33.3	672.1	25.4	51.8	437.7	1 642.3	819.7	2 463.2	82.4	254.6	13	5	15	13	5	24	2782
27.9	402.0	23.2	39.3	297.2	670.5	216.2	890.4	36.2	80.9	17	13	52	16	8	50	2789
59.5	1 376.0	44.3	80.2	927.1	2 527.2	720.5	3 253.9	173.7	259.1	5	5	12	4	5	14	279
34.5	665.9	27.1	48.9	479.6	1 223.5	277.9	1 503.9	67.2	114.9	5	5	15	5	5	14	2791
3.6	68.2	2.7	4.6	45.2	120.0	36.3	156.0	15.7	7.0	(A)	70	82	22	16	81	2793
21.4	641.9	14.5	26.7	402.3	1 183.8	406.3	1 594.0	90.8	137.2	9	8	20	9	10	19	2794
																2795
826.2	**23 344.9**	**476.0**	**951.2**	**11 662.0**	**95 257.5**	**101 696.1**	**197 311.3**	**8 180.5**	**25 106.8**	**1**	**1**	**2**	**1**	**1**	**2**	**28**
105.0	3 213.6	58.4	120.0	1 621.7	11 084.9	9 019.8	20 280.1	1 039.3	2 158.5	1	1	5	1	1	3	281
8.2	263.2	5.6	11.2	166.0	1 073.7	978.4	2 042.4	175.2	163.9	3	1	2	3	1	2	2812
8.5	223.3	4.5	10.5	115.0	1 486.7	949.1	2 416.0	212.5	87.7	5	4	10	5	4	5	2813
9.7	275.2	6.0	12.0	155.6	1 044.0	1 017.8	2 077.1	100.8	340.2	3	2	7	3	2	6	2816
78.6	2 451.9	42.3	86.4	1 183.1	7 500.5	6 074.5	13 724.6	550.8	1 566.7	1	1	8	1	1	5	2819
128.2	3 861.7	86.7	174.3	2 319.6	12 197.5	21 201.4	33 534.2	1 630.2	4 118.9	2	2	2	2	2	2	282
55.4	1 818.6	24.4	71.1	1 019.1	7 036.3	13 201.3	20 261.8	1 115.1	2 374.7	4	2	2	4	2	2	2821
9.8	323.1	6.3	12.6	191.3	920.0	1 906.3	2 840.6	117.5	379.5	3	6	1	2	7	2	2822
12.1	311.3	9.0	18.4	199.4	390.2	744.7	1 148.1	43.3	138.6	1	1	1	1	1	1	2823
50.9	1 408.7	37.0	72.2	909.8	3 851.0	5 349.1	9 283.7	354.3	1 226.1	1	2	7	2	2	1	2824
163.7	4 712.6	78.8	151.3	1 737.5	22 716.0	8 748.2	31 331.6	1 468.5	4 364.2	2	1	3	2	1	3	283
25.0	619.7	11.8	22.0	202.3	1 650.5	1 032.0	2 713.4	125.4	564.6	3	2	4	3	2	10	2831
15.7	497.5	8.6	17.5	238.1	1 970.8	1 298.4	3 262.9	170.0	570.0	3	2	2	3	2	2	2833
123.0	3 595.4	58.4	111.8	1 297.1	19 094.7	6 417.8	25 335.3	1 171.1	3 229.6	2	2	4	2	1	4	2834
123.4	2 901.5	71.9	141.6	1 455.8	17 345.8	12 264.3	29 554.7	762.4	3 363.4	2	1	5	1	1	11	284
34.1	946.0	20.0	40.0	528.1	4 481.8	5 529.7	10 052.7	317.0	1 215.7	3	2	3	3	2	5	2841
20.2	443.2	12.9	26.4	238.6	2 792.6	1 758.0	4 540.7	78.0	412.3	4	2	5	3	2	7	2842
9.3	261.9	4.4	9.2	108.3	1 095.9	1 449.5	2 534.4	76.4	313.2	2	3	9	2	2	6	2843
59.8	1 250.4	34.7	66.0	582.8	8 975.6	3 527.1	12 426.9	291.0	1 422.2	2	2	13	2	1	28	2844
55.5	1 359.5	29.0	56.9	596.5	5 169.3	6 396.8	11 562.4	248.8	1 555.4	2	3	6	2	2	4	285
55.5	1 359.5	29.0	56.9	596.5	5 169.3	6 396.8	11 562.4	248.8	1 555.4	2	3	6	2	2	4	2851
123.2	4 087.1	72.6	148.7	2 210.1	14 872.2	26 618.5	41 785.7	2 020.9	5 756.2	2	1	1	2	1	2	286
3.3	64.9	2.6	5.5	46.9	172.1	340.8	514.2	25.0	110.9	3	4	7	3	3	4	2861
23.4	728.9	13.7	27.3	393.4	2 824.2	5 328.9	8 209.8	382.4	1 221.4	3	2	1	3	2	1	2865
96.5	3 293.3	56.3	115.6	1 769.8	11 875.9	20 948.8	33 061.7	1 613.5	4 423.9	2	1	2	2	1	2	2869
44.9	1 196.5	28.2	56.9	665.8	5 128.0	9 645.6	14 765.0	508.0	2 132.7	3	2	2	3	2	1	287
8.7	259.5	5.4	11.0	149.8	1 086.3	2 393.9	3 469.6	112.5	544.7	6	1	4	2	2	3	2873
13.0	350.5	8.7	18.0	218.2	771.4	3 392.1	4 184.2	178.7	586.0	4	2	1	3	2	1	2874
8.2	149.7	5.2	10.3	76.4	515.8	1 369.4	1 894.2	22.0	273.7	7	10	13	7	10	11	2875
15.0	436.8	8.9	17.7	221.4	2 754.5	2 490.2	5 217.1	194.8	728.3	6	2	3	6	2	1	2879
82.3	2 012.4	50.4	101.6	1 055.0	6 743.7	7 801.5	14 517.6	504.4	1 657.5	2	2	7	2	2	7	289
18.4	420.6	11.4	22.1	204.7	1 528.7	2 147.4	3 672.0	74.3	380.5	4	4	5	3	4	6	2891
13.2	325.4	8.8	16.6	184.7	740.8	379.5	1 110.7	48.4	121.0	3	4	8	3	4	26	2892
9.5	250.2	5.4	11.2	126.1	664.3	1 163.6	1 827.5	36.2	210.8	4	4	4	4	4	6	2893
1.9	60.8	1.4	3.1	44.0	288.8	425.3	715.0	40.3	60.0	1	1	1	1	1	1	2895
39.3	955.4	23.4	48.6	495.5	3 521.0	3 885.7	7 192.4	303.2	885.2	2	2	10	3	2	11	2899
127.5	**4 131.8**	**83.5**	**177.6**	**2 533.9**	**17 111.6**	**161 291.2**	**179 134.9**	**3 438.0**	**13 909.3**	**2**	**2**	**2**	**2**	**1**	**1**	**29**
85.7	3 073.0	56.1	119.9	1 923.9	13 659.5	153 095.1	167 501.8	3 037.5	12 853.7	2	2	1	2	1	1	291
85.7	3 073.0	56.1	119.9	1 923.9	13 659.5	153 095.1	167 501.8	3 037.5	12 853.7	2	2	1	2	1	1	2911
29.0	707.1	20.7	44.3	461.7	2 180.6	5 318.6	7 487.3	245.5	552.4	4	4	7	4	4	9	295
14.6	375.4	10.6	23.7	238.6	1 164.9	2 811.9	3 971.8	144.1	240.4	6	6	12	6	5	15	2951
14.4	331.7	10.1	20.6	223.1	1 015.7	2 506.7	3 515.5	101.4	312.0	4	6	7	4	7	7	2952
12.8	351.7	6.7	13.4	148.3	1 271.5	2 877.5	4 145.7	155.0	503.2	5	4	28	4	4	10	299
10.9	298.8	5.4	10.5	115.2	1 046.0	2 433.9	3 483.3	79.6	383.9	6	4	32	4	5	19	2992
1.9	52.9	1.3	2.8	33.1	225.5	443.6	662.4	75.4	119.3	5	7	2	7	5	4	2999

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
30	**Rubber and miscellaneous plastics products**	**741.3**	**15 273.3**	**571.8**	**1 137.1**	**10 123.6**	**37 236.4**	**36 039.2**	**73 384.6**	**2 998.1**	**8 333.0**
301	Tires and inner tubes	65.2	2 020.4	51.7	98.8	1 531.0	5 249.9	4 517.1	9 909.5	389.9	994.3
3011	Tires and inner tubes	65.2	2 020.4	51.7	98.8	1 531.0	5 249.9	4 517.1	9 909.5	389.9	994.3
302	Rubber and plastics footwear	9.2	136.8	7.5	13.9	89.1	286.5	283.8	573.3	6.3	114.0
3021	Rubber and plastics footwear	9.2	136.8	7.5	13.9	89.1	286.5	283.8	573.3	6.3	114.0
303	Reclaimed rubber	.8	13.7	.6	1.2	9.5	26.2	24.5	50.9	2.0	8.9
3031	Reclaimed rubber	.8	13.7	.6	1.2	9.5	26.2	24.5	50.9	2.0	8.9
304	Rubber and plastics hose and belting	23.0	510.4	16.7	32.6	334.9	1 201.1	1 066.5	2 282.0	70.6	388.1
3041	Rubber and plastics hose and belting	23.0	510.4	16.7	32.6	334.9	1 201.1	1 066.5	2 282.0	70.6	388.1
306	Fabricated rubber products, n.e.c.	95.7	2 057.0	71.3	143.2	1 295.5	4 211.6	4 104.3	8 325.7	240.2	995.3
3069	Fabricated rubber products, n.e.c.	95.7	2 057.0	71.3	143.2	1 295.5	4 211.6	4 104.3	8 325.7	240.2	995.3
307	Miscellaneous plastics products	547.4	10 535.0	424.0	847.5	6 863.6	26 261.1	26 043.0	52 243.1	2 289.1	5 832.4
3079	Miscellaneous plastics products	547.4	10 535.0	424.0	847.5	6 863.6	26 261.1	26 043.0	52 243.1	2 289.1	5 832.4
31	**Leather and leather products**	**129.8**	**1 690.3**	**109.7**	**196.2**	**1 213.4**	**3 611.4**	**4 156.4**	**7 808.7**	**83.2**	**1 371.0**
311	Leather tanning and finishing	13.2	249.1	10.9	22.1	181.7	474.9	1 114.8	1 589.1	20.7	264.6
3111	Leather tanning and finishing	13.2	249.1	10.9	22.1	181.7	474.9	1 114.8	1 589.1	20.7	264.6
313	Boot and shoe cut stock and findings	4.3	56.3	3.8	6.8	41.2	97.2	149.4	246.5	2.1	27.0
3131	Boot and shoe cut stock and findings	4.3	56.3	3.8	6.8	41.2	97.2	149.4	246.5	2.1	27.0
314	Footwear, except rubber	75.9	927.2	66.1	116.2	701.1	2 061.3	1 925.2	4 007.6	41.7	676.4
3142	House slippers	4.7	57.3	3.9	6.6	36.2	103.4	104.3	208.7	6.0	44.4
3143	Men's footwear, except athletic	31.8	416.6	26.0	49.3	315.8	913.1	968.8	1 891.4	16.2	358.2
3144	Women's footwear, except athletic	30.2	341.9	26.3	46.5	269.8	812.3	597.8	1 425.9	13.0	180.5
3149	Footwear, except rubber, n.e.c.	9.2	111.4	7.9	13.8	79.3	232.5	254.3	481.7	5.7	93.3
315	Leather gloves and mittens	3.5	33.7	3.1	5.4	25.7	63.4	131.0	202.9	.8	47.2
3151	Leather gloves and mittens	3.5	33.7	3.1	5.4	25.7	63.4	131.0	202.9	.8	47.2
316	Luggage	11.4	165.7	8.3	14.6	91.1	338.8	318.2	665.8	9.5	167.7
3161	Luggage	11.4	165.7	8.3	14.6	91.1	338.8	318.2	665.8	9.5	167.7
317	Handbags and other personal leather goods	16.0	188.8	13.0	21.9	124.6	408.8	383.3	791.5	6.2	129.1
3171	Women's handbags and purses	9.2	100.7	7.3	13.0	70.7	215.2	219.9	438.4	3.5	53.2
3172	Personal leather goods, n.e.c.	6.8	88.1	5.7	8.9	53.9	193.6	163.4	353.1	2.7	75.9
319	Leather goods, n.e.c.	5.5	69.5	4.5	9.2	48.0	167.0	134.5	305.2	2.2	59.0
3199	Leather goods, n.e.c.	5.5	69.5	4.5	9.2	48.0	167.0	134.5	305.2	2.2	59.0
32	**Stone, clay, and glass products**	**514.1**	**11 745.2**	**399.0**	**814.2**	**8 351.8**	**30 676.7**	**26 535.8**	**57 274.2**	**2 332.6**	**6 972.6**
321	Flat glass	14.9	493.7	12.1	25.4	392.5	1 409.7	957.1	2 397.6	85.7	280.9
3211	Flat glass	14.9	493.7	12.1	25.4	392.5	1 409.7	957.1	2 397.6	85.7	280.9
322	Glass and glassware, pressed or blown	77.8	1 927.0	66.3	132.3	1 562.0	4 688.9	3 161.1	7 869.3	439.9	1 331.3
3221	Glass containers	42.8	1 083.4	37.8	75.8	917.5	2 649.5	1 997.3	4 627.4	211.4	714.4
3229	Pressed and blown glass, n.e.c.	35.0	843.6	29.0	56.5	644.5	2 039.4	1 163.8	3 241.9	226.5	616.9
323	Products of purchased glass	43.7	887.0	33.7	66.3	613.4	2 269.9	2 105.4	4 361.9	219.3	612.3
3231	Products of purchased glass	43.7	887.0	33.7	66.3	613.4	2 269.9	2 105.4	4 361.9	219.3	612.3
324	Cement, hydraulic	19.7	622.6	14.9	31.2	446.0	2 153.1	2 017.1	4 220.1	169.3	773.6
3241	Cement, hydraulic	19.7	622.6	14.9	31.2	446.0	2 153.1	2 017.1	4 220.1	169.3	773.6
325	Structural clay products	37.9	729.5	30.0	61.3	519.4	1 761.6	1 251.6	3 020.9	113.9	609.6
3251	Brick and structural clay tile	19.1	348.5	15.4	31.9	249.7	796.1	533.4	1 347.7	43.8	260.5
3253	Ceramic wall and floor tile	9.6	175.2	7.8	16.0	129.0	442.1	239.4	665.9	51.3	127.3
3255	Clay refractories	6.9	160.4	5.0	9.7	108.7	425.9	412.6	843.5	15.8	178.0
3259	Structural clay products, n.e.c.	2.3	45.4	1.8	3.7	32.0	97.5	66.2	163.8	3.0	43.8
326	Pottery and related products	31.6	621.3	25.4	50.8	451.5	1 263.9	617.2	1 869.1	73.5	347.4
3261	Vitreous plumbing fixtures	9.6	212.6	8.1	16.9	173.8	525.2	257.0	772.3	(D)	97.5
3262	Vitreous china food utensils	5.6	102.0	4.6	8.7	76.5	222.7	50.1	268.3	(D)	93.3
3263	Fine earthenware food utensils	.9	10.6	.7	1.4	8.2	13.9	7.0	22.5	.3	6.1
3264	Porcelain electrical supplies	3.0	137.5	6.8	12.7	127.5	287.6	189.7	479.3	22.6	102.3
3269	Pottery products, n.e.c.	6.5	98.5	5.2	11.2	65.5	214.5	113.4	326.7	9.4	48.2
327	Concrete, gypsum, and plaster products	174.3	3 819.5	131.8	277.2	2 636.2	9 922.1	10 939.3	20 824.8	764.1	1 309.2
3271	Concrete block and brick	16.1	337.1	9.4	20.0	173.1	922.0	1 080.1	1 989.4	70.6	222.0
3272	Concrete products, n.e.c.	59.7	1 181.3	46.1	93.9	798.7	2 736.7	2 227.6	4 931.2	137.4	529.7
3273	Ready-mixed concrete	81.6	1 874.0	62.9	133.3	1 343.5	4 553.0	6 058.0	10 614.3	378.0	363.8
3274	Lime	5.8	136.5	4.6	9.3	101.7	318.0	351.8	670.9	38.8	72.2
3275	Gypsum products	11.1	290.6	8.8	20.6	219.2	1 392.4	1 221.8	2 619.0	139.3	121.5
328	Cut stone and stone products	11.2	198.9	8.8	17.6	147.5	375.5	317.5	683.0	33.2	79.5
3281	Cut stone and stone products	11.2	198.9	8.8	17.6	147.5	375.5	317.5	683.0	33.2	79.5
329	Miscellaneous nonmetallic mineral products	103.0	2 445.7	75.5	152.1	1 583.3	6 832.0	5 169.5	12 027.4	433.7	1 628.8
3291	Abrasive products	24.8	607.6	16.7	33.5	338.3	1 738.9	1 640.5	3 383.5	95.2	540.3
3292	Asbestos products	5.1	121.8	3.9	7.6	82.8	260.6	219.5	485.9	23.6	74.0
3293	Gaskets, packing, and sealing devices	26.6	574.9	20.5	41.0	342.3	1 260.4	916.1	2 187.1	62.0	364.7
3295	Minerals, ground or treated	8.2	201.6	6.0	11.6	128.8	731.3	510.7	1 261.4	54.3	150.5
3296	Mineral wool	21.9	624.2	17.7	36.8	481.6	2 021.5	1 300.9	3 314.7	160.9	244.0
3297	Nonclay refractories	6.4	162.7	4.6	9.1	102.7	399.2	372.1	768.5	13.7	160.7
3299	Nonmetallic mineral products, n.e.c.	8.0	152.9	6.1	12.4	106.8	420.1	209.7	626.2	24.0	94.6

See footnotes at end of table.

1985																	
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	Standard error of estimate[1] (percent) for column—						SIC code
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	J	K	P	S	
K	L	M	N	O	P	Q	R	S	T							
742.5	**14 722.9**	**578.4**	**1 137.7**	**9 794.2**	**35 708.3**	**35 754.1**	**71 324.0**	**3 429.7**	**8 384.6**	**2**	**2**	**3**	**2**	**1**	**2**	30
70.3	2 045.8	55.9	105.2	1 546.4	5 300.4	5 182.2	10 434.0	496.7	1 170.8	1	1	2	1	1	1	301
70.3	2 045.8	55.9	105.2	1 546.4	5 300.4	5 182.2	10 434.0	496.7	1 170.8	1	1	2	1	1	1	3011
12.0	161.1	9.7	18.3	115.2	318.0	322.6	647.2	8.4	118.5	5	2	2	4	3	2	302
12.0	161.1	9.7	18.3	115.2	318.0	322.6	647.2	8.4	118.5	5	2	2	4	3	2	3021
.9	14.1	.7	1.3	9.9	27.3	24.6	51.9	1.4	9.2	10	6	9	9	5	4	303
.9	14.1	.7	1.3	9.9	27.3	24.6	51.9	1.4	9.2	10	6	9	9	5	4	3031
23.8	512.7	17.3	33.0	339.3	1 255.0	1 039.3	2 310.5	102.9	418.4	4	4	8	4	4	4	304
23.8	512.7	17.3	33.0	339.3	1 255.0	1 039.3	2 310.5	102.9	418.4	4	4	8	4	4	4	3041
94.3	1 975.1	70.7	141.2	1 253.8	4 067.7	4 095.5	8 119.2	256.0	990.6	3	3	5	3	2	4	306
94.3	1 975.1	70.7	143.2	1 253.8	4 067.7	4 095.5	8 119.2	256.0	990.6	3	3	5	3	2	4	3069
541.2	10 014.1	424.1	836.5	6 529.6	24 740.0	25 089.9	49 761.2	2 564.3	5 677.3	2	2	4	2	2	3	307
541.2	10 014.1	424.1	836.5	6 529.6	24 740.0	25 089.9	49 761.2	2 564.3	5 677.3	2	2	4	2	2	3	3079
146.7	**1 863.2**	**124.8**	**225.1**	**1 342.3**	**4 107.5**	**4 484.1**	**8 567.2**	**103.4**	**1 447.2**	**5**	**4**	**7**	**3**	**2**	**6**	**31**
14.2	262.5	11.7	23.6	189.4	508.6	1 128.0	1 643.0	23.5	272.7	6	9	12	5	9	7	311
14.2	262.5	11.7	23.6	189.4	508.6	1 128.0	1 643.0	23.5	272.7	6	9	12	5	9	7	3111
5.4	64.5	4.7	8.2	45.5	111.1	168.8	277.3	2.9	34.0	15	11	31	13	10	13	313
5.4	64.5	4.7	8.2	45.5	111.1	168.8	277.3	2.9	34.0	15	11	31	13	10	13	3131
86.1	1 002.8	75.7	134.7	771.0	2 357.2	2 098.7	4 448.1	53.3	713.3	7	6	11	3	2	8	314
5.7	62.5	4.9	8.7	46.0	112.3	110.6	223.2	4.2	50.5	95	(A)	'48	9	6	44	3142
34.9	435.9	30.8	53.8	336.8	1 051.4	1 031.8	2 070.5	28.9	365.3	6	4	15	5	3	13	3143
34.3	378.8	30.3	54.9	296.1	919.6	684.1	1 613.0	12.3	206.8	5	3	19	4	3	7	3144
11.2	125.6	9.7	17.2	92.1	274.0	272.2	541.4	7.9	90.7	5	3	5	3	2	5	3149
3.5	32.3	3.1	5.3	24.5	65.5	112.1	177.6	1.0	38.4	5	9	15	3	8	39	315
3.5	32.3	3.1	5.3	24.5	65.5	112.1	177.6	1.0	38.4	5	9	15	3	8	39	3151
13.1	189.5	9.8	17.1	105.4	371.9	349.8	724.6	10.6	190.0	12	12	18	10	11	33	316
13.1	189.5	9.8	17.1	105.4	371.9	349.8	724.6	10.6	190.0	12	12	18	10	11	33	3161
18.4	234.5	14.8	26.1	152.8	509.4	421.9	947.8	10.0	131.9	10	9	13	9	7	9	317
10.8	124.6	8.6	15.9	85.0	278.2	272.4	559.7	4.6	59.6	14	10	20	11	10	17	3171
7.6	109.9	6.2	10.2	67.8	231.2	149.5	388.1	5.4	72.1	15	14	14	14	10	7	3172
6.0	77.1	5.0	9.9	53.7	183.8	164.8	348.8	2.1	66.9	15	13	20	13	10	33	319
6.0	77.1	5.0	9.9	53.7	183.8	164.8	348.8	2.1	66.9	15	13	20	13	10	33	3199
'520.8	**'11 481.9**	**'404.1**	**'813.7**	**'8 188.0**	**'28 877.7**	**'26 193.9**	**'55 112.0**	**'2 773.7**	**'6 983.3**	**2**	**1**	**3**	**2**	**1**	**3**	**32**
15.2	501.4	12.3	26.7	403.2	1 239.9	925.9	2 155.4	260.1	310.3	1	2	1	1	1	1	321
15.2	501.4	12.3	26.7	403.2	1 239.9	925.9	2 155.4	260.1	310.3	1	2	1	1	1	1	3211
80.1	1 959.4	67.7	132.5	1 583.7	4 423.5	3 319.7	7 807.9	430.6	1 301.7	2	1	1	1	1	1	322
44.1	1 144.4	38.5	76.9	963.9	2 406.4	2 143.2	4 600.3	182.9	664.1	2	2	1	2	2	2	3221
36.0	815.0	29.2	55.6	619.8	2 017.1	1 176.5	3 207.7	247.7	637.6	2	2	2	1	1	1	3229
42.7	843.6	33.3	66.1	591.0	1 995.1	1 974.0	3 964.3	148.6	569.8	5	4	23	4	3	7	323
42.7	843.6	33.3	66.1	591.0	1 995.1	1 974.0	3 964.3	148.6	569.8	5	4	23	4	3	7	3231
21.2	645.4	15.9	32.2	457.1	2 220.8	2 031.5	4 222.1	196.3	825.5	4	3	4	4	3	3	324
21.2	645.4	15.9	32.2	457.1	2 220.8	2 031.5	4 222.1	196.3	825.5	4	3	4	4	3	3	3241
'36.0	'682.5	'28.9	'59.4	'497.1	'1 517.5	'1 193.4	'2 731.6	132.9	'584.8	6	7	22	5	6	18	325
'18.0	'319.7	'14.7	'30.2	'230.4	'674.7	'531.0	'1 207.3	77.9	'267.5	9	12	20	8	12	30	3251
8.7	153.6	7.2	15.1	117.6	354.4	204.7	568.8	28.2	98.6	11	12	46	11	9	16	3253
7.1	166.8	5.3	10.4	118.8	400.8	397.5	803.0	22.1	176.2	7	9	19	6	7	10	3255
2.2	42.4	1.7	3.7	30.3	87.6	60.2	152.5	4.7	42.5	5	9	11	6	10	37	3259
'33.2	'642.3	'26.5	'51.8	'461.1	'1 283.4	'686.3	'1 955.0	'93.4	'344.4	4	3	5	4	3	13	326
9.3	196.1	7.9	15.8	160.1	471.5	232.3	706.7	(D)	84.9	2	2	(X)	2	2	(X)	3261
6.0	112.8	4.7	8.9	79.0	219.6	72.0	289.9	(D)	92.1	2	2	(X)	4	3	(X)	3262
1.1	13.9	.9	1.5	9.1	20.3	12.2	34.1	3	9.8	29	38	33	22	23	41	3263
10.0	219.3	7.6	15.0	143.4	359.1	227.7	585.8	46.0	114.5	6	8	13	4	6	25	3264
'6.8	'100.2	'5.4	'10.6	'69.5	'212.9	'122.1	'338.5	'16.0	'43.1	16	11	17	13	8	5	3269
173.3	3 602.1	132.6	272.6	2 505.3	9 127.6	10 392.8	19 474.9	921.9	1 285.2	3	3	5	3	3	7	327
16.0	311.0	9.5	18.8	158.2	771.9	936.9	1 689.7	72.5	203.7	6	7	18	6	6	27	3271
57.4	1 109.6	43.9	89.9	754.8	2 540.7	1 990.5	4 509.8	212.2	526.0	7	6	12	5	5	24	3272
83.5	1 785.7	66.2	135.0	1 292.6	4 249.0	5 843.2	10 087.9	459.4	358.7	4	3	7	3	4	8	3273
5.8	133.2	4.6	9.6	100.4	316.5	359.2	675.8	70.1	75.7	6	8	19	6	8	7	3274
10.6	262.6	8.4	19.2	199.3	1 249.5	1 263.0	2 511.7	107.7	121.1	5	5	3	4	4	10	3275
11.2	199.5	8.9	17.4	148.9	352.8	317.0	674.3	30.5	74.5	8	13	29	8	10	19	328
11.2	199.5	8.9	17.4	148.9	352.8	317.0	674.3	30.5	74.5	8	13	29	8	10	19	3281
107.1	2 405.7	78.0	155.0	1 550.6	6 716.9	5 373.3	12 126.5	559.4	1 687.1	3	2	3	3	2	4	329
25.5	604.4	17.1	33.2	337.8	1 833.0	1 805.0	3 675.3	143.1	545.1	7	4	7	6	3	7	3291
6.8	152.9	5.2	10.5	105.5	318.4	280.3	607.5	24.1	114.1	9	3	11	7	2	1	3292
30.3	576.2	21.5	41.7	337.0	1 293.9	932.5	2 210.5	93.0	379.2	5	4	11	5	4	10	3293
7.8	183.5	5.6	11.0	115.1	676.3	490.2	1 170.5	72.0	164.1	17	7	14	17	8	8	3295
21.3	583.1	17.0	35.8	447.2	1 823.0	1 277.9	3 100.6	161.7	229.9	2	2	1	3	2	1	3296
6.3	152.0	4.5	8.8	99.2	377.1	369.2	755.3	32.5	157.1	6	3	18	5	5	41	3297
9.1	153.6	7.1	14.0	108.8	395.2	218.2	606.9	33.0	97.8	9	6	7	16	7	11	3299

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
33	**Primary metal industries**	**689.8**	**18 881.6**	**529.0**	**1 055.8**	**13 471.7**	**38 092.3**	**66 366.5**	**105 647.2**	**3 180.4**	**17 629.5**
331	Blast furnace and basic steel products	249.1	7 726.1	190.1	379.9	5 701.6	15 861.6	28 054.7	44 787.0	1 144.9	8 260.3
3312	Blast furnaces and steel mills	192.2	6 281.5	147.7	294.5	4 701.5	12 453.0	21 677.5	34 924.9	924.9	6 349.3
3313	Electrometallurgical products	3.6	99.4	2.6	5.5	66.7	207.1	433.1	667.9	33.0	217.6
3315	Steel wire and related products	21.1	488.7	15.8	32.5	335.3	1 007.7	1 612.6	2 624.6	63.6	477.5
3316	Cold finishing of steel shapes	13.1	387.0	9.4	18.7	271.1	1 108.5	2 377.6	3 514.5	51.2	643.0
3317	Steel pipe and tubes	19.1	469.5	14.6	28.7	327.0	1 085.3	1 953.9	3 055.1	72.2	592.9
332	Iron and steel foundries	125.4	3 212.8	99.3	197.2	2 372.2	5 649.7	4 411.1	10 099.6	497.4	1 120.4
3321	Gray iron foundries	81.1	2 180.4	65.9	132.2	1 682.5	3 769.0	3 119.7	6 919.1	393.2	645.2
3322	Malleable iron foundries	6.0	156.6	4.2	8.0	98.0	221.3	172.2	396.7	15.6	29.0
3324	Steel investment foundries	18.6	418.5	13.9	27.7	276.2	884.6	489.3	1 359.3	45.2	230.0
3325	Steel foundries, n.e.c.	19.7	457.3	15.3	29.4	315.5	774.8	629.9	1 424.5	43.4	216.2
333	Primary nonferrous metals	31.9	1 011.0	24.1	45.1	701.7	1 745.3	6 775.0	8 876.3	198.8	1 152.0
3331	Primary copper	3.9	116.7	3.1	6.0	89.2	194.9	1 847.0	2 065.0	13.8	174.5
3332	Primary lead	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3333	Primary zinc	1.5	44.4	1.1	2.2	28.0	59.0	247.0	323.2	7.7	66.5
3334	Primary aluminum	16.9	570.4	13.1	23.9	405.6	1 003.9	3 014.5	4 241.8	71.1	557.3
3339	Primary nonferrous metals, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
334	Secondary nonferrous metals	14.6	351.1	10.5	21.0	210.0	833.3	3 323.4	4 143.3	58.2	631.9
3341	Secondary nonferrous metals	14.6	351.1	10.5	21.0	210.0	833.3	3 323.4	4 143.0	58.2	631.9
335	Nonferrous rolling and drawing	155.3	4 021.2	116.2	236.0	2 731.9	9 095.4	19 741.4	28 771.3	935.3	5 425.7
3351	Copper rolling and drawing	21.2	525.1	16.5	34.2	378.1	1 182.1	2 629.7	3 820.6	85.1	542.3
3353	Aluminum sheet, plate, and foil	26.7	910.7	20.4	39.7	670.0	2 240.1	6 523.6	8 699.4	439.4	1 862.5
3354	Aluminum extruded products	28.4	658.4	21.8	45.6	451.1	1 102.9	2 461.2	3 573.6	109.0	492.2
3355	Aluminum rolling and drawing, n.e.c.	1.7	51.5	1.3	2.7	35.4	122.7	481.6	613.7	7.5	71.1
3356	Nonferrous rolling and drawing, n.e.c.	18.3	523.0	11.9	24.0	298.7	1 137.8	1 901.5	3 008.2	74.7	1 127.5
3357	Nonferrous wire drawing and insulating	59.0	1 352.5	44.3	89.9	898.6	3 309.8	5 743.8	9 055.8	219.6	1 330.1
336	Nonferrous foundries	80.1	1 781.1	64.9	129.1	1 296.4	3 191.9	2 861.6	6 050.4	208.0	567.4
3361	Aluminum foundries	53.2	1 216.0	43.6	88.4	901.9	2 110.1	1 927.2	4 048.6	163.1	320.6
3362	Brass, bronze, and copper foundries	11.4	226.8	9.3	16.8	162.5	423.2	348.2	772.7	14.4	99.4
3369	Nonferrous foundries, n.e.c.	15.5	338.3	12.0	23.9	232.0	658.6	586.2	1 229.0	30.5	147.4
339	Miscellaneous primary metal products	33.4	778.3	23.9	47.5	457.9	1 715.1	1 199.3	2 919.7	137.8	451.8
3398	Metal heat treating	18.6	411.9	14.3	29.9	273.4	973.5	408.0	1 381.7	84.6	52.5
3399	Primary metal products, n.e.c.	14.8	366.4	9.6	17.6	184.5	741.6	791.3	1 538.0	53.2	399.3
34	**Fabricated metal products**	**1 419.5**	**33 115.8**	**1 049.8**	**2 102.6**	**21 816.7**	**68 620.6**	**89 264.6**	**137 975.9**	**4 485.0**	**21 381.9**
341	Metal cans and shipping containers	49.1	1 539.7	40.6	84.4	1 212.2	4 113.4	7 898.8	11 956.8	378.0	1 417.6
3411	Metal cans	41.8	1 370.0	35.0	72.3	1 102.2	3 773.9	7 351.2	11 068.7	362.7	1 287.5
3412	Metal barrels, drums, and pails	7.3	169.7	5.6	12.1	110.0	339.5	547.6	888.2	15.3	130.1
342	Cutlery, hand tools, and hardware	143.6	3 267.9	108.2	213.9	2 196.1	7 550.7	5 264.5	12 781.9	403.4	2 428.9
3421	Cutlery	11.7	251.2	9.1	17.2	170.2	772.9	269.5	1 045.1	47.3	177.3
3423	Hand and edge tools, n.e.c.	40.3	839.7	30.2	59.8	550.0	1 968.6	1 278.1	3 242.3	105.4	779.2
3425	Hand saws and saw blades	9.3	215.6	7.0	14.1	138.2	497.8	323.3	805.6	14.2	172.2
3429	Hardware, n.e.c.	82.3	1 961.4	61.9	122.7	1 337.7	4 311.4	3 393.6	7 688.9	236.5	1 300.2
343	Plumbing and heating, except electric	45.9	985.5	33.2	68.0	626.1	2 651.2	2 355.2	5 006.9	94.0	863.9
3431	Metal sanitary ware	7.6	188.9	5.8	12.5	138.3	482.5	367.3	845.8	23.6	140.9
3432	Plumbing fittings and brass goods	15.9	320.2	12.2	25.3	216.9	1 082.5	909.6	1 982.3	24.7	359.7
3433	Heating equipment, except electric	22.4	476.4	15.2	30.1	270.9	1 086.2	1 078.3	2 178.8	45.7	363.3
344	Fabricated structural metal products	377.8	8 179.3	267.7	535.4	5 023.3	16 052.4	20 173.6	36 433.9	697.3	5 447.6
3441	Fabricated structural metal	84.6	1 904.6	61.3	122.5	1 216.3	3 378.5	5 236.0	8 731.5	161.8	1 233.0
3442	Metal doors, sash, and trim	73.4	1 377.6	52.9	107.4	838.7	2 894.9	3 560.3	6 453.7	139.2	932.3
3443	Fabricated plate work (boiler shops)	71.2	1 723.1	48.2	97.5	1 033.4	3 023.3	3 038.1	6 153.9	110.1	1 010.1
3444	Sheet metal work	79.9	1 728.0	58.4	117.4	1 093.3	3 658.6	4 117.8	7 724.8	126.2	1 253.8
3446	Architectural metal work	25.3	505.6	17.9	33.7	309.0	1 022.2	979.1	2 017.2	44.4	278.3
3448	Prefabricated metal buildings	22.7	484.8	15.7	30.6	271.0	1 143.4	1 589.8	2 736.0	47.4	425.3
3449	Miscellaneous metal work	20.7	455.6	13.3	26.3	261.6	931.5	1 652.5	2 616.8	68.2	314.8
345	Screw machine products, bolts, etc.	93.2	2 105.2	71.2	143.5	1 459.1	4 417.6	3 220.4	7 641.8	243.0	1 222.1
3451	Screw machine products	43.5	908.2	34.6	69.2	658.7	1 776.7	1 158.7	2 928.3	98.5	355.6
3452	Bolts, nuts, rivets, and washers	49.7	1 197.0	36.6	74.2	800.4	2 640.9	2 061.7	4 713.6	144.5	866.5
346	Metal forgings and stampings	254.5	7 092.7	202.2	415.4	5 254.3	12 675.2	14 382.2	27 054.7	1 596.8	3 245.2
3462	Iron and steel forgings	25.2	675.6	18.3	35.0	449.3	1 247.1	1 368.6	2 602.1	74.4	552.6
3463	Nonferrous forgings	7.9	247.2	5.6	10.9	161.3	497.8	586.1	1 086.1	43.8	347.5
3465	Automotive stampings	119.1	3 942.7	99.9	216.5	3 162.5	6 521.2	8 310.9	14 826.5	1 183.0	1 123.2
3466	Crowns and closures	6.4	159.6	5.1	10.6	116.6	376.7	532.5	914.5	38.7	145.8
3469	Metal stampings, n.e.c.	95.9	2 067.6	73.3	142.4	1 364.6	4 032.4	3 584.1	7 625.5	256.9	1 076.1
347	Metal services, n.e.c.	108.5	2 003.3	84.3	170.7	1 330.2	3 987.3	2 973.4	6 961.9	275.6	570.0
3471	Plating and polishing	65.8	1 179.1	51.5	104.6	784.3	2 252.3	1 149.2	3 408.3	137.7	208.4
3479	Metal coating and allied services	42.7	824.2	32.8	66.1	545.9	1 735.0	1 824.2	3 573.7	137.9	361.6
348	Ordnance and accessories, n.e.c.	82.4	2 220.4	51.7	101.6	1 167.2	4 777.4	2 143.2	6 780.0	155.4	1 385.5
3482	Small arms ammunition	8.4	222.7	6.8	13.4	163.6	604.2	303.0	918.7	34.3	244.5
3483	Ammunition, except for small arms, n.e.c.	34.8	849.3	22.7	44.0	449.8	2 052.0	1 185.4	3 204.6	56.6	547.7
3484	Small arms	12.3	308.9	8.5	17.6	182.1	711.3	298.4	1 030.8	32.3	247.2
3489	Ordnance and accessories, n.e.c.	26.9	839.5	13.7	26.5	371.7	1 409.9	356.4	1 625.9	32.2	346.1
349	Miscellaneous fabricated metal products	264.5	5 721.8	190.7	369.8	3 548.2	12 395.4	10 853.3	23 338.0	641.5	4 801.1
3493	Steel springs, except wire	4.7	109.5	3.5	6.6	71.5	221.6	191.6	419.3	15.4	75.3
3494	Valves and pipe fittings	99.2	2 375.7	65.2	128.7	1 341.3	5 089.8	3 636.8	8 823.4	260.1	2 603.1
3495	Wire springs	21.0	438.5	17.6	35.4	322.0	862.3	696.9	1 574.0	60.7	162.7
3496	Miscellaneous fabricated wire products	37.2	678.0	28.3	55.7	429.3	1 447.1	1 337.1	2 775.5	68.7	449.2
3497	Metal foil and leaf	10.1	270.8	7.4	15.5	180.3	764.8	1 279.4	2 046.9	50.9	318.7
3498	Fabricated pipe and fittings	20.9	473.8	15.1	28.8	303.9	926.4	1 122.1	2 071.1	47.0	375.2
3499	Fabricated metal products, n.e.c.	71.4	1 374.9	53.6	99.0	899.9	3 063.4	2 589.4	5 627.8	138.7	816.9

See footnotes at end of table.

1985																		
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	Standard error of estimate[1] (percent) for column—						SIC code
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T							
'746.9	'19 981.7	'573.5	'1 138.4	'14 315.4	'38 238.5	'70 660.7	'110 531.0	'4 680.0	'19 451.0	1	1	1	1	1	1	33
278.0	8 466.5	212.7	419.0	6 207.6	16 199.3	31 201.8	48 137.5	2 274.6	3 385.0	1	1	2	1	1	1	331
217.9	6 984.6	167.7	330.6	5 182.6	12 763.5	24 719.8	38 080.4	2 044.3	7 483.9	1	1	1	1	1	1	3312
4.4	117.3	3.3	6.7	80.6	313.9	481.9	783.1	32.4	262.7	4	12	28	4	9	20	3313
20.9	470.8	15.9	31.6	325.5	998.5	1 542.1	2 549.6	80.5	462.3	5	6	12	5	5	11	3315
13.8	383.2	9.8	19.4	261.9	1 030.7	2 341.3	3 432.3	57.1	698.7	6	4	5	6	4	4	3316
21.0	510.6	16.0	30.8	357.0	1 092.8	2 116.7	3 291.9	60.3	671.4	3	4	4	3	3	8	3317
136.2	3 375.5	106.9	218.5	2 528.7	5 973.1	4 612.2	10 609.7	448.1	1 198.8	3	2	3	3	2	3	332
88.6	2 312.9	72.5	146.1	1 789.9	3 989.7	3 285.8	7 295.7	329.8	695.6	3	2	3	3	2	4	3321
'8.3	159.8	4.5	8.5	102.8	264.6	168.2	432.9	16.9	34.6	6	5	9	5	5	9	3322
18.5	394.9	14.1	29.4	271.0	798.5	477.4	1 262.9	51.4	218.4	4	3	7	4	3	8	3324
22.8	507.9	17.8	34.8	365.0	920.3	660.8	1 618.2	48.0	250.2	11	7	17	9	6	4	3325
37.5	1 195.1	28.1	54.8	852.5	1 630.7	7 704.3	9 787.5	'442.4	1 601.9	1	1	1	1	1	1	333
4.6	149.7	3.4	'(S)	111.3	327.2	1 795.8	2 239.1	'42.5	201.3	1	1	1	1	1	1	3331
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	3332
1.8	50.6	1.3	2.5	31.8	77.4	275.6	361.8	9.3	88.8	1	2	1	1	1	1	3333
19.7	664.8	15.3	30.0	492.4	877.1	3 423.2	4 488.4	122.8	840.7	1	1	1	1	1	1	3334
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	3339
16.0	371.4	11.6	23.5	225.9	782.6	3 486.8	4 315.1	103.0	661.9	4	6	9	3	6	14	334
16.0	371.4	11.6	23.5	225.9	782.6	3 486.8	4 315.1	103.0	661.9	4	6	9	3	6	14	3341
163.7	4 058.0	121.8	246.3	2 763.8	8 715.0	19 604.4	28 707.5	1 013.9	5 375.0	2	1	2	2	1	2	335
22.4	517.8	17.1	34.5	387.1	1 061.2	2 611.2	3 671.8	132.0	540.8	6	4	8	5	4	9	3351
26.9	926.6	20.8	42.0	689.0	1 797.7	6 362.5	8 424.8	348.0	1 806.4	1	1	1	1	1	1	3353
29.1	639.0	22.7	47.3	450.3	1 173.8	2 384.1	3 575.7	120.6	491.8	4	3	10	2	4	9	3354
2.0	55.0	1.5	3.1	38.0	168.8	599.3	783.4	13.2	86.4	1	1	1	1	1	1	3355
18.9	508.2	11.8	23.5	285.1	1 086.4	1 920.9	3 034.4	91.7	1 111.3	2	2	2	2	3	4	3356
84.4	1 411.4	47.9	96.1	934.1	3 427.0	5 706.4	9 217.4	308.4	1 338.3	3	2	2	2	2	3	3357
82.6	1 784.7	66.7	130.0	1 295.8	3 197.0	2 919.2	6 130.2	256.8	556.8	3	4	6	4	4	5	336
55.8	1 231.4	45.5	89.3	922.4	2 120.5	1 998.1	4 137.5	195.5	322.9	4	4	6	4	4	6	3361
11.5	229.7	9.3	17.6	162.6	425.3	369.6	789.6	21.2	92.5	9	10	22	11	11	27	3362
15.3	303.6	11.9	23.1	210.8	651.2	551.5	1 203.1	40.1	141.4	6	9	11	6	10	9	3369
'32.9	'730.5	'23.7	'46.3	'441.4	'1 740.8	'1 132.0	'2 843.5	'139.0	'471.6	6	6	10	6	7	12	339
18.4	'382.9	14.2	'28.9	'255.3	'958.6	'388.5	'1 309.6	'79.4	'48.6	6	8	15	5	8	16	3398
'14.5	'347.6	'9.5	'17.4	'186.1	'782.3	'743.5	'1 533.9	'59.6	'423.0	12	10	9	13	14	15	3399
1 472.8	33 150.0	1 103.5	2 200.1	21 976.8	69 161.5	70 490.3	139 578.7	4 345.6	21 922.4	1	1	2	1	1	2	34
52.0	1 576.2	43.2	89.6	1 233.9	4 077.4	8 464.6	12 566.9	280.6	1 475.0	2	1	3	2	1	2	341
44.2	1 399.1	37.1	76.5	1 114.3	3 736.3	7 686.8	11 643.9	263.6	1 332.1	1	1	3	1	1	2	3411
7.8	177.1	6.1	13.1	119.6	341.1	577.8	923.1	17.0	142.9	11	9	9	11	9	10	3412
145.8	3 266.0	111.4	217.3	2 229.9	7 509.3	5 205.6	12 742.2	402.0	2 331.7	4	3	5	3	3	4	342
11.8	239.9	9.4	17.3	164.6	731.7	303.9	1 043.4	43.9	180.5	4	3	4	4	3	4	3421
40.6	810.7	30.7	58.2	533.1	1 948.2	1 183.2	3 136.6	96.3	755.1	7	4	14	6	4	8	3423
8.5	183.0	6.3	13.0	114.5	417.6	270.1	701.3	28.1	143.4	36	25	36	37	23	29	3425
84.7	2 032.4	65.0	128.8	1 417.7	4 411.9	3 448.4	7 860.9	233.7	1 252.7	3	3	5	3	3	5	3429
48.0	976.7	34.9	70.1	616.0	2 527.3	2 344.6	4 874.1	129.8	910.3	4	3	5	4	3	10	343
8.0	178.0	6.2	12.8	126.6	463.3	359.4	827.4	26.1	136.5	8	5	5	7	5	5	3431
16.0	308.3	12.4	24.9	210.7	966.4	903.8	1 863.0	45.1	347.5	2	4	8	2	5	26	3432
24.0	490.4	16.3	32.5	278.7	1 097.6	1 081.4	2 183.7	58.6	426.3	8	6	7	6	5	7	3433
391.1	9 182.7	281.3	553.3	5 103.1	16 322.4	20 443.4	36 683.5	734.9	5 712.0	2	2	4	2	2	4	344
90.6	1 949.6	66.9	130.3	1 266.5	3 626.3	5 389.0	8 910.4	154.7	1 314.7	4	3	9	3	4	8	3441
71.2	1 268.0	51.8	101.5	774.4	2 800.5	3 321.8	6 137.2	115.0	847.3	4	4	7	4	4	9	3442
79.0	1 854.8	55.3	109.7	1 144.5	3 482.7	3 285.2	6 801.2	150.2	1 189.0	3	3	7	3	2	7	3443
81.3	1 703.4	60.0	117.7	1 083.7	3 399.2	4 296.2	7 686.1	159.9	1 239.9	3	3	6	3	3	9	3444
24.4	473.1	17.8	35.5	299.8	966.8	954.7	1 921.1	48.1	293.1	4	5	14	3	4	14	3446
22.8	459.6	15.7	30.7	263.5	1 049.8	1 465.3	2 499.6	50.4	451.5	6	8	16	5	7	9	3448
21.8	474.2	13.8	27.8	270.7	996.9	1 731.2	2 727.8	56.6	376.5	5	6	7	5	5	10	3449
97.2	2 099.6	74.7	150.6	1 433.7	4 492.0	3 319.1	7 742.7	247.6	1 384.2	4	3	10	3	4	7	345
44.4	892.8	35.8	71.4	640.0	1 870.2	1 179.5	2 947.8	109.4	483.4	6	5	14	6	7	12	3451
52.8	1 206.8	38.9	79.2	793.7	2 621.8	2 139.6	4 794.8	138.2	900.8	4	3	14	3	4	8	3452
268.8	7 148.4	214.6	442.4	5 272.9	13 318.6	14 625.2	28 023.6	1 298.3	3 439.8	3	2	2	3	1	2	346
27.5	728.9	20.1	38.5	487.7	1 309.6	1 509.9	2 857.9	95.6	568.6	4	4	5	4	4	5	3462
8.3	245.5	6.0	11.7	159.6	543.6	648.3	1 181.2	45.1	354.5	4	4	4	4	4	5	3463
119.2	3 795.5	100.6	217.4	3 058.3	6 850.5	8 183.8	15 037.7	830.6	1 175.1	5	2	2	5	2	3	3465
6.7	161.6	5.3	10.1	120.8	353.7	509.7	862.5	22.0	147.9	5	8	1	6	8	6	3466
107.1	2 216.9	82.6	164.7	1 446.5	4 261.4	3 773.5	8 064.3	305.0	1 193.7	3	3	10	3	3	7	3469
112.3	1 996.5	89.9	181.6	1 329.2	3 844.4	2 864.2	6 699.0	310.9	581.5	4	3	9	4	3	6	347
69.0	1 182.3	55.7	113.3	802.2	2 203.2	1 245.5	3 445.8	160.4	241.1	4	3	9	4	3	8	3471
43.3	814.2	34.2	68.3	527.0	1 641.2	1 618.7	3 253.2	150.5	350.4	7	6	14	7	6	9	3479
82.4	2 139.0	53.3	102.0	1 158.7	4 537.5	2 110.7	6 547.5	138.2	1 154.6	2	1	2	2	1	3	348
9.6	252.4	7.7	14.9	174.3	624.1	323.6	917.5	28.9	267.8	15	2	1	13	2	1	3482
31.7	749.8	20.9	39.6	411.7	1 680.5	1 153.7	2 754.2	50.8	418.4	2	1	2	1	2	3	3483
13.8	325.4	10.1	20.2	198.9	720.2	337.2	1 085.3	29.6	279.1	5	5	5	3	3	8	3484
27.3	811.4	14.6	27.5	373.8	1 512.8	996.2	1 790.5	28.9	189.3	2	1	4	2	2	5	3489
275.4	5 764.9	200.2	393.3	3 599.4	12 532.5	11 112.9	23 700.2	803.3	4 923.5	3	2	4	3	2	4	349
5.2	112.4	3.8	7.1	75.1	231.7	205.8	434.2	9.5	81.7	5	8	8	5	8	10	3493
104.5	2 431.6	69.3	136.0	1 391.4	5 358.1	3 708.4	9 054.6	308.6	2 655.0	2	2	5	2	2	4	3494
21.9	438.1	18.5	36.9	316.6	869.1	708.3	1 575.7	62.2	159.6	10	15	12	10	5	13	3495
37.4	671.2	28.3	54.7	429.7	1 406.4	1 338.8	2 744.4	106.1	453.7	4	4	6	3	4	20	3496
11.3	286.5	8.3	17.0	190.4	819.3	1 361.0	2 198.5	65.4	344.2	2	3	6	2	2	3	3497
25.1	547.3	16.5	34.6	360.6	1 038.8	1 375.2	2 476.5	78.9	466.3	9	11	20	7	10	15	3498
70.0	1 277.8	53.5	107.0	835.6	2 809.1	2 395.4	5 216.2	172.4	762.8	7	4	14	9	3	7	3499

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
35	**Machinery, except electrical**	**1 863.0**	**49 645.2**	**1 140.6**	**2 271.2**	**25 421.9**	**109 365.0**	**97 924.8**	**209 529.3**	**6 690.6**	**41 203.1**
351	Engines and turbines	90.2	2 924.8	58.2	114.5	1 719.7	6 957.7	7 136.6	14 116.2	420.1	2 496.7
3511	Turbines and turbine generator sets	24.7	870.2	13.3	27.8	410.4	1 814.9	1 416.8	3 219.9	82.1	1 113.4
3519	Internal combustion engines, n.e.c.	65.5	2 054.6	44.9	86.9	1 309.3	5 142.8	5 719.8	10 896.2	338.0	1 383.3
352	Farm and garden machinery	78.6	1 814.1	54.7	105.0	1 065.7	4 852.5	5 437.7	10 392.3	192.9	2 261.6
3523	Farm machinery and equipment	57.1	1 384.2	38.2	74.3	777.4	3 414.2	3 217.7	6 745.4	138.9	1 574.4
3524	Lawn and garden equipment	21.5	429.9	16.5	30.6	288.3	1 438.3	2 220.0	3 647.0	54.0	687.2
353	Construction and related machinery	209.3	5 535.4	126.4	242.9	2 947.5	11 940.4	13 425.8	25 935.2	504.3	6 826.9
3531	Construction machinery	87.9	2 503.5	57.7	109.4	1 482.7	5 902.9	6 978.7	12 987.1	296.0	2 938.6
3532	Mining machinery	14.7	374.8	8.5	16.0	181.3	783.2	725.9	1 532.5	32.8	568.1
3533	Oil field machinery	32.6	877.9	15.7	29.9	404.5	1 701.3	1 524.9	3 577.0	72.7	2 060.8
3534	Elevators and moving stairways	11.7	286.4	6.7	13.4	146.9	597.3	620.7	1 224.3	16.4	176.8
3535	Conveyors and conveying equipment	32.7	836.0	18.3	38.2	370.9	1 650.5	1 668.8	3 343.6	49.3	508.8
3536	Hoists, cranes, and monorails	9.8	217.3	6.2	11.9	115.0	438.2	476.2	940.4	6.3	245.9
3537	Industrial trucks and tractors	19.9	439.5	13.3	24.2	246.2	867.0	1 430.6	2 330.2	30.8	427.9
354	Metalworking machinery	252.5	6 624.3	179.7	366.9	4 251.3	12 825.4	7 443.2	20 476.4	649.5	4 295.2
3541	Machine tools, metal cutting types	38.6	1 088.8	22.0	43.6	557.0	1 823.8	1 538.0	3 458.1	62.7	1 215.6
3542	Machine tools, metal forming types	16.6	440.5	10.7	21.4	257.3	765.7	713.2	1 507.9	33.9	524.2
3544	Special dies, tools, jigs, and fixtures	108.9	3 000.1	85.7	179.4	2 165.1	5 582.2	2 158.1	7 725.1	333.6	913.6
3545	Machine tool accessories	47.0	1 113.0	34.0	68.3	720.3	2 423.7	1 002.7	3 452.3	108.5	776.2
3546	Power driven hand tools	17.9	383.8	12.5	24.0	229.3	1 121.5	998.3	2 142.4	72.1	382.1
3547	Rolling mill machinery	3.5	101.1	1.9	3.8	46.9	169.6	209.7	380.8	3.6	94.3
3549	Metalworking machinery, n.e.c.	20.0	497.0	12.9	26.5	275.4	938.9	823.2	1 811.8	35.1	409.2
355	Special industry machinery	157.8	4 140.8	90.0	181.6	2 027.9	8 165.0	6 641.5	14 925.5	364.9	3 459.2
3551	Food products machinery	24.2	643.4	14.8	29.3	334.9	1 332.9	968.4	2 313.4	49.3	583.9
3552	Textile machinery	15.8	331.7	10.7	21.6	195.3	669.3	478.4	1 132.2	22.1	311.1
3553	Woodworking machinery	7.9	172.9	5.0	10.5	98.8	380.8	379.2	760.5	8.8	146.1
3554	Paper industries machinery	15.4	448.9	8.7	17.4	215.9	706.0	860.6	1 630.7	37.8	341.2
3555	Printing trades machinery	26.7	747.3	14.0	28.7	322.6	1 534.5	1 262.1	2 834.3	74.3	634.1
3559	Special industry machinery, n.e.c.	67.8	1 796.6	36.8	74.3	860.4	3 541.5	2 692.8	6 254.4	172.5	1 442.8
356	General industrial machinery	256.3	6 533.5	163.3	325.6	3 610.8	13 926.0	10 673.2	24 750.7	736.7	5 864.8
3561	Pumps and pumping equipment	52.8	1 391.3	29.7	58.7	699.3	3 012.0	2 421.7	5 433.6	142.9	1 627.5
3562	Ball and roller bearings	38.4	961.2	30.3	60.6	709.5	2 159.9	1 402.3	3 597.3	173.0	870.6
3563	Air and gas compressors	23.3	640.1	12.1	23.7	289.4	1 392.7	1 419.0	2 817.5	68.0	613.5
3564	Blowers and fans	26.3	575.6	17.5	34.5	325.4	1 155.5	1 034.5	2 236.1	53.6	334.6
3565	Industrial patterns	6.9	191.7	5.8	12.3	155.3	384.9	216.8	580.4	14.1	43.6
3566	Speed changers, drives, and gears	17.4	474.3	11.7	23.7	283.1	986.6	527.8	1 529.8	65.6	385.9
3567	Industrial furnaces and ovens	15.4	357.7	9.4	15.9	160.6	687.3	580.6	1 291.7	21.9	232.0
3568	Power transmission equipment, n.e.c.	22.4	599.2	15.3	30.9	361.7	1 295.8	922.4	2 221.3	80.0	524.7
3569	General industrial machinery, n.e.c.	55.4	1 342.4	32.5	65.3	636.5	2 851.3	2 148.1	5 030.1	137.6	1 032.4
357	Office and computing machines	362.9	11 414.4	136.6	271.0	2 887.4	27 917.7	29 925.2	58 830.3	2 403.7	10 367.3
3573	Electronic computing equipment	315.0	10 050.7	114.2	225.6	2 418.4	24 303.3	27 350.1	52 568.8	2 209.7	8 984.2
3574	Calculating and accounting machines	5.1	199.7	2.2	6.2	77.1	606.3	416.0	1 026.4	19.7	157.2
3576	Scales and balances, except laboratory	6.9	145.7	4.4	9.1	69.9	356.1	252.3	604.2	9.4	121.8
3579	Office machines, n.e.c., and typewriters	35.9	1 018.3	15.8	30.1	322.0	2 652.0	1 906.8	4 630.9	164.9	1 104.1
358	Refrigeration and service machinery	180.4	4 380.5	124.3	244.3	2 662.3	9 923.1	11 057.6	21 117.7	601.4	3 223.0
3581	Automatic merchandising machines	8.0	176.6	5.6	10.7	98.7	306.3	363.1	668.6	27.0	157.5
3582	Commercial laundry equipment	4.5	100.2	3.1	6.6	59.8	196.0	184.5	381.6	6.9	76.6
3585	Refrigeration and heating equipment	128.9	3 194.5	91.8	181.3	2 087.2	7 212.6	8 484.8	15 826.2	493.1	2 204.3
3586	Measuring and dispensing pumps	7.3	172.8	4.7	9.1	91.1	392.8	413.5	813.1	16.4	154.1
3589	Service industry machinery, n.e.c.	31.7	736.4	19.1	36.5	345.5	1 815.4	1 611.7	3 428.3	58.0	630.5
359	Miscellaneous machinery, except electrical	273.0	6 277.4	207.4	419.4	4 249.3	11 857.2	6 184.0	17 985.2	817.1	2 408.4
3592	Carburetors, pistons, rings, valves	28.8	638.4	22.3	46.3	614.6	1 585.6	1 243.7	2 818.2	244.4	318.0
3599	Machinery, except electrical, n.e.c.	244.2	5 439.0	185.1	373.1	3 634.7	10 271.6	4 940.3	15 167.0	572.7	2 090.4
36	**Electric and electronic equipment**	**1 941.4**	**49 213.6**	**1 159.6**	**2 259.3**	**23 380.9**	**112 421.5**	**84 079.9**	**196 245.2**	**9 059.8**	**37 456.8**
361	Electric distributing equipment	89.9	2 019.2	63.5	121.0	1 221.3	4 864.7	3 870.2	8 803.1	244.9	1 523.9
3612	Transformers	34.3	746.7	25.9	48.4	494.6	1 591.8	1 674.8	3 298.4	66.2	519.4
3613	Switchgear and switchboard apparatus	55.6	1 272.5	37.6	72.6	726.7	3 292.9	2 195.4	5 504.7	178.7	1 004.5
362	Electrical industrial apparatus	170.9	4 022.3	113.5	222.0	2 224.8	8 825.8	6 903.1	15 838.7	482.1	3 289.0
3621	Motors and generators	75.6	1 681.7	55.5	108.1	1 081.9	3 623.4	2 921.1	6 608.1	232.7	1 138.0
3622	Industrial controls	55.9	1 347.1	31.8	62.6	593.5	3 164.3	2 112.9	5 273.1	157.7	1 175.7
3623	Welding apparatus, electric	14.1	398.0	9.0	17.9	212.4	766.7	716.6	1 493.6	23.8	340.8
3624	Carbon and graphite products	9.3	240.3	6.6	13.5	152.0	508.9	587.7	1 136.3	38.5	360.7
3629	Electrical industrial apparatus, n.e.c.	16.0	355.2	10.6	19.8	185.0	762.5	564.8	1 327.6	29.4	273.8
363	Household appliances	122.5	2 673.5	98.0	185.3	1 909.6	7 555.4	9 201.5	16 648.5	405.6	2 575.1
3631	Household cooking equipment	22.2	461.9	16.9	32.6	310.1	1 305.3	2 089.8	3 328.7	88.6	663.0
3632	Household refrigerators and freezers	23.9	594.7	20.1	38.4	466.2	1 427.2	1 977.8	3 352.8	84.9	502.4
3633	Household laundry equipment	17.4	452.3	14.7	28.7	358.9	1 520.4	1 558.4	3 062.9	69.3	325.5
3634	Electric housewares and fans	28.6	502.2	21.3	40.5	306.5	1 436.4	1 644.3	3 116.1	65.7	531.8
3635	Household vacuum cleaners	11.5	242.4	7.5	14.9	152.3	702.8	626.8	1 337.3	46.7	191.3
3636	Sewing machines	2.2	46.5	1.6	3.1	30.1	109.5	57.5	170.5	5.5	76.5
3639	Household appliances, n.e.c.	16.7	373.5	13.9	27.1	285.5	1 053.8	1 247.1	2 280.1	44.9	284.6
364	Electric lighting and wiring equipment	161.3	3 474.1	118.7	227.9	2 191.2	9 478.2	7 085.0	16 530.0	551.9	2 687.3
3641	Electric lamps	20.1	455.1	17.2	32.5	361.2	1 877.3	846.0	2 743.6	128.2	246.0
3643	Current-carrying wiring devices	48.3	941.3	34.6	66.0	539.8	2 147.5	1 421.7	3 537.0	101.2	665.6
3644	Noncurrent-carrying wiring devices	23.4	557.7	16.2	31.6	340.1	1 483.1	1 177.1	2 660.3	62.8	559.0
3645	Residential lighting fixtures	20.5	353.7	15.8	30.2	220.4	868.9	748.3	1 628.5	20.2	351.4
3646	Commercial lighting fixtures	22.5	456.7	16.0	31.3	269.7	1 262.6	1 340.0	2 623.7	58.4	421.4
3647	Vehicular lighting equipment	13.3	439.0	9.8	20.0	309.9	873.9	870.7	1 729.7	150.6	193.7
3648	Lighting equipment, n.e.c.	13.2	270.6	9.1	17.5	150.1	922.9	681.2	1 607.3	32.5	250.3
365	Radio and TV receiving equipment	58.5	1 367.9	43.2	84.3	849.3	4 329.1	7 786.4	11 937.9	316.8	1 435.2
3651	Radio and TV receiving sets	44.9	1 067.9	33.7	65.6	687.4	2 539.2	6 994.6	9 363.9	240.5	1 246.0
3652	Phonograph records and prerecorded tape	13.6	300.0	9.5	18.6	161.9	1 789.9	791.8	2 574.0	76.3	189.2
366	Communication equipment	666.1	19 699.1	305.4	596.2	7 302.9	42 077.1	25 770.2	67 435.1	3 098.9	15 838.8
3661	Telephone and telegraph apparatus	110.9	3 019.2	58.5	110.7	1 394.4	7 780.7	7 409.5	15 667.8	629.6	2 975.7
3662	Radio and TV communication equipment	555.2	16 679.9	246.9	485.5	5 908.5	34 296.4	18 360.7	51 747.3	2 469.3	12 863.1

See footnotes at end of table.

1985										Standard error of estimate[1] (percent) for column —						SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)							
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	P	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T							
1 991.1	**50 904.6**	**[1] 237.3**	**[2] 436.7**	**[26] 533.7**	**[1]10 435.5**	**[1]02 779.0**	**[2]15 238.7**	**8 323.0**	**44 587.1**	**1**	**1**	**2**	**1**	**1**	**2**	**35**
98.9	3 123.0	64.2	125.4	1 859.9	7 258.1	7 419.8	14 941.0	500.1	2 612.3	2	1	2	2	1	4	351
26.8	921.3	14.0	29.1	433.2	2 052.1	1 536.9	3 654.5	95.2	1 099.8	3	3	6	3	2	5	3511
72.3	2 201.7	50.2	96.3	1 426.7	5 206.1	5 882.9	11 286.5	404.9	1 512.5	2	1	1	2	1	5	3519
89.4	2 048.8	62.1	117.9	1 242.8	5 523.7	5 894.6	11 651.2	234.2	2 511.2	3	2	5	2	1	2	352
67.1	1 631.4	44.9	84.6	959.7	4 201.6	3 818.7	8 211.6	183.5	1 809.8	3	3	7	2	2	3	3523
22.3	417.4	17.2	33.3	283.1	1 322.0	2 075.9	3 439.6	70.7	701.4	1	1	2	2	1	3	3524
229.2	5 977.2	143.1	277.1	3 296.7	13 066.8	13 725.7	27 663.0	608.2	7 740.8	2	2	3	2	2	5	353
91.4	2 539.9	59.7	113.3	1 541.0	5 694.2	6 625.9	12 796.8	301.6	2 994.2	3	2	5	3	2	8	3531
16.1	394.2	9.3	17.2	189.5	784.0	822.6	1 663.9	26.7	612.4	4	3	6	3	3	8	3532
46.8	1 295.1	27.6	54.7	672.7	3 048.9	2 340.4	5 714.0	132.5	2 677.9	5	5	4	4	3	9	3533
12.0	268.0	7.8	13.2	163.1	590.2	636.6	1 214.3	21.9	222.4	3	6	3	3	5	16	3534
32.4	786.0	18.6	38.1	357.2	1 536.7	1 534.4	3 035.4	67.7	530.6	4	4	8	4	3	18	3535
10.0	216.2	6.3	11.8	118.8	484.0	454.8	936.6	10.0	265.4	8	11	16	8	14	13	3536
20.5	459.8	14.0	26.9	254.4	926.9	1 311.1	2 300.0	45.7	437.9	8	8	11	8	6	10	3537
264.4	6 603.3	190.6	383.0	4 286.1	[1]2 985.8	7 154.0	[1]9 850.3	843.1	4 521.1	2	2	3	2	2	4	354
42.8	1 127.6	24.9	47.7	592.6	2 000.0	1 471.6	3 377.0	91.6	1 349.7	4	4	4	3	3	6	3541
17.7	461.6	11.5	23.0	275.4	933.2	598.7	1 412.9	43.7	569.3	4	9	6	4	4	14	3542
110.6	2 904.4	88.6	183.3	2 123.1	5 222.2	2 089.9	7 204.8	401.8	861.5	4	3	5	3	3	6	3544
49.4	1 099.5	36.4	73.2	716.0	2 429.2	1 025.8	3 458.8	167.9	813.6	4	5	7	4	5	14	3545
19.2	398.4	13.2	23.9	240.1	[1] 141.3	996.2	[2] 155.1	60.3	386.9	2	2	7	1	2	9	3546
3.9	108.7	2.2	4.4	53.8	196.7	213.0	453.7	9.2	85.7	5	5	9	5	4	11	3547
20.8	505.1	13.8	27.6	283.1	1 083.1	778.8	1 788.2	48.6	452.4	8	6	8	8	6	14	3549
166.1	4 127.3	97.3	192.6	2 088.2	8 292.9	6 501.6	14 777.8	456.2	3 617.7	2	3	6	2	2	5	355
26.1	641.7	16.0	31.2	347.1	1 374.1	947.6	2 330.8	50.6	621.5	6	7	10	5	7	8	3551
16.2	316.9	10.9	21.5	184.9	543.0	451.0	1 019.8	29.2	269.0	7	9	10	6	8	12	3552
7.7	157.8	4.9	10.0	91.3	326.2	387.9	725.8	10.1	144.1	10	11	20	9	11	18	3553
15.6	442.6	8.9	17.6	221.4	792.9	654.3	1 466.2	40.6	382.8	4	4	20	4	5	12	3554
27.4	739.3	14.8	29.6	323.9	1 570.8	1 292.7	2 798.1	121.4	661.4	4	5	5	3	3	12	3555
73.1	1 829.0	41.8	82.7	899.6	3 685.9	2 766.1	6 495.1	204.3	1 538.9	3	3	11	3	3	5	3559
269.4	6 509.0	173.3	338.2	3 673.1	14 336.4	10 916.1	25 347.3	818.6	6 057.5	2	2	4	2	2	3	356
55.7	1 401.2	32.5	63.4	714.7	3 085.3	2 563.8	5 617.5	184.5	1 662.1	3	2	3	2	2	3	3561
39.6	969.6	31.1	60.8	715.3	2 220.4	1 410.2	3 679.3	138.7	886.4	2	3	7	2	2	9	3562
26.8	681.3	14.7	28.3	325.3	1 557.1	1 481.4	3 017.6	110.3	942.2	3	4	21	2	3	11	3563
26.2	538.0	17.7	33.4	301.6	1 198.2	947.5	2 149.7	42.6	351.6	4	4	16	4	5	10	3564
7.1	188.1	6.0	12.0	152.6	349.0	216.1	549.3	15.6	60.4	26	26	37	24	21	48	3565
18.6	478.1	12.7	25.8	297.4	992.2	552.1	1 585.6	71.3	394.4	8	8	12	7	5	13	3566
15.2	327.1	8.6	15.7	153.1	686.9	596.5	1 288.5	27.4	228.5	6	8	9	5	6	8	3567
23.7	611.6	16.3	33.1	374.6	1 325.5	996.3	2 343.0	81.8	553.7	6	5	14	6	5	11	3568
56.5	1 314.0	33.7	65.6	638.5	2 922.0	2 152.2	5 086.9	146.4	1 078.2	3	3	5	3	3	6	3569
406.7	12 090.7	[1]56.4	[3]09.0	[3] 191.9	[2]7 384.3	[3]3 817.4	62 221.4	3 431.7	11 850.9	3	2	2	2	1	2	357
355.5	10 668.9	133.4	262.0	2 726.0	23 418.1	30 834.4	55 314.7	3 139.7	10 320.1	3	2	2	2	1	3	3573
5.5	195.5	[2].2	[6.3	[68.5	[485.7	[403.7	945.9	25.5	185.2	70	6	9	64	9	7	3574
6.9	134.4	4.3	9.1	66.4	332.6	231.8	577.3	9.9	118.8	9	8	18	8	5	19	3576
38.8	1 091.9	16.5	31.7	331.0	3 147.9	2 347.5	6 383.5	256.6	1 226.8	2	1	1	2	1	1	3579
182.8	4 238.2	128.0	249.4	2 614.8	9 836.1	11 159.1	20 929.7	543.0	3 385.1	2	2	2	2	2	2	358
8.1	183.4	5.9	11.4	103.6	306.2	372.5	964.8	13.4	158.7	8	12	4	8	11	7	3581
4.5	92.9	3.1	6.5	55.8	193.3	186.1	373.5	6.8	72.1	40	16	29	41	14	14	3582
130.4	3 102.3	94.2	183.3	2 021.0	7 249.5	8 608.2	15 836.4	436.5	2 359.4	2	2	2	2	2	2	3585
8.2	185.1	5.3	10.2	97.0	417.9	423.7	840.3	21.3	181.6	2	4	2	3	5	2	3586
31.6	694.5	19.5	37.9	337.4	1 669.2	1 568.6	3 214.7	65.0	613.3	3	4	6	3	4	7	3589
284.2	6 187.1	222.3	444.1	4 300.2	11 751.4	8 190.7	17 856.9	889.9	2 290.5	3	3	5	3	3	7	359
31.6	870.9	24.9	49.8	643.8	1 774.5	1 286.8	3 091.9	188.0	348.7	2	2	1	2	1	1	3592
252.6	5 316.2	197.4	394.2	3 656.4	9 976.9	4 903.9	14 765.1	701.9	1 941.8	3	3	6	3	3	8	3599
2 007.1	**48 504.0**	**1 233.1**	**2 373.6**	**23 658.8**	**[1]10 498.6**	**83 079.1**	**[1]93 368.6**	**[1]0 486.3**	**37 567.4**	**1**	**1**	**1**	**1**	**1**	**1**	**38**
93.4	2 025.6	66.2	125.9	1 236.4	4 946.5	3 976.1	8 984.8	234.1	1 594.2	2	2	8	2	2	3	381
35.3	752.1	26.6	49.5	492.5	1 558.4	1 721.4	3 288.5	79.1	541.6	2	2	5	2	2	7	3612
58.1	1 273.5	39.6	76.4	743.9	3 388.1	2 254.7	5 676.3	155.0	1 052.6	3	3	10	2	2	3	3613
178.9	4 054.9	118.5	231.8	2 267.9	8 746.2	6 929.4	15 763.7	549.7	3 413.6	2	2	4	2	2	5	362
77.6	1 648.9	57.8	112.1	1 098.4	3 668.1	2 888.7	6 583.6	262.5	1 183.4	2	2	3	3	2	7	3621
58.5	1 387.8	32.5	64.0	586.6	3 113.7	2 067.0	5 120.4	170.6	1 173.6	4	4	8	4	4	9	3622
14.9	395.1	9.6	18.6	222.6	817.8	754.0	1 585.7	32.8	372.6	3	4	5	4	3	5	3623
10.2	260.8	7.3	15.2	168.5	379.4	633.8	1 120.6	52.3	406.3	8	7	10	7	8	6	3624
17.7	362.3	11.3	21.9	189.8	767.1	585.9	1 383.4	31.5	277.7	8	6	5	9	9	11	3629
124.4	2 579.2	97.2	185.4	1 820.0	7 338.3	8 701.5	16 230.4	410.9	2 490.4	2	1	2	1	1	1	363
24.2	492.4	18.5	35.9	323.7	1 236.5	2 006.7	3 297.3	76.6	621.5	1	1	1	1	1	2	3631
22.3	514.5	18.4	34.1	393.1	1 352.2	1 888.5	3 340.5	64.3	452.7	1	2	2	2	3	2	3632
17.2	415.5	14.4	27.1	330.3	1 375.5	1 450.9	2 838.4	81.4	306.6	1	1	5	1	1	1	3633
30.7	524.3	23.4	43.8	333.4	1 546.6	1 559.2	3 099.6	68.5	557.6	4	3	5	4	2	3	3634
11.2	236.4	7.5	14.3	149.8	691.9	592.9	1 301.9	35.3	210.4	4	6	5	3	3	5	3635
2.8	59.0	1.8	3.4	30.4	116.8	54.6	177.5	12.9	81.2	5	5	22	4	4	2	3636
16.0	337.1	13.2	26.7	259.3	1 018.9	1 147.7	2 175.3	71.9	260.4	2	1	2	2	1	4	3639
164.2	3 381.8	123.4	233.1	2 177.5	8 924.5	6 910.3	15 806.1	526.4	2 820.4	3	2	4	3	2	3	364
21.8	492.6	18.7	34.8	394.0	1 841.6	1 039.0	2 849.1	122.9	275.7	4	2	1	4	2	1	3641
49.8	920.3	36.5	66.1	541.8	2 089.9	1 416.1	3 518.2	109.0	639.2	4	5	5	4	5	7	3643
23.6	541.2	16.7	33.6	338.1	1 390.0	1 139.8	2 541.5	79.1	552.5	4	3	3	3	3	9	3644
21.5	349.6	16.9	30.7	223.5	856.4	758.1	1 607.5	31.3	350.5	10	7	11	10	7	13	3645
21.1	411.6	15.6	29.9	243.6	1 104.1	1 228.0	2 321.2	53.0	379.2	6	5	14	6	6	8	3646
12.8	393.8	9.6	19.4	283.3	798.6	659.0	1 453.1	87.7	160.2	10	5	9	11	7	2	3647
13.6	272.7	9.4	18.6	153.2	843.9	670.3	1 515.5	43.4	263.1	10	11	19	9	8	11	3648
59.1	1 316.3	43.2	83.6	827.0	[4] 183.4	6 999.7	[1]1 421.9	301.7	1 281.9	3	2	2	2	2	5	365
45.1	1 033.2	33.7	64.8	676.5	2 322.1	9 333.9	9 868.1	252.9	1 114.5	3	2	2	3	2	6	3651
14.0	283.1	9.5	19.0	150.5	[1] 860.3	665.8	[2] 533.8	48.5	167.4	5	2	7	4	2	5	3652
672.0	19 189.7	333.1	641.4	7 472.2	40 467.1	25 793.0	66 392.7	3 327.9	15 648.0	1	1	1	1	1	2	366
130.5	3 524.9	75.6	143.3	1 731.1	8 502.9	8 928.3	17 775.0	725.7	3 873.7	1	1	3	1	1	1	3661
541.5	15 664.8	257.5	498.1	5 741.1	31 964.2	16 864.7	47 617.8	2 602.2	11 774.3	1	1	2	1	1	3	3662

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
36	**Electric and electronic equipment**—Con.										
367	Electronic components and accessories	516.8	12 306.1	312.6	613.0	5 539.6	25 850.7	15 842.9	41 985.2	3 418.6	7 226.8
3671	Electron tubes, all types	27.4	722.1	20.0	39.2	457.6	1 341.0	1 054.8	2 361.0	109.0	408.7
3674	Semiconductors and related devices	172.9	4 967.1	79.2	155.4	1 687.2	10 910.9	4 784.5	15 785.0	2 220.2	2 576.5
3675	Electronic capacitors	22.1	380.0	17.0	33.1	243.5	747.2	483.5	1 241.4	75.1	308.7
3676	Electronic resistors	17.2	297.2	11.7	22.7	155.8	640.7	276.2	918.9	69.3	201.9
3677	Electronic coils and transformers	20.9	300.4	16.7	31.5	189.6	567.6	373.5	952.4	15.8	142.1
3678	Electronic connectors	38.6	872.1	27.6	53.6	517.7	2 137.0	1 094.0	3 211.8	125.4	668.5
3679	Electronic components, n.e.c.	217.7	4 767.2	140.4	277.6	2 288.2	9 506.3	7 776.4	17 514.6	803.8	2 920.4
369	Miscellaneous electrical equipment	155.4	3 651.4	106.7	209.6	2 122.2	9 422.5	7 619.6	17 066.8	541.0	2 880.7
3691	Storage batteries	23.2	594.6	18.3	37.1	444.3	1 639.0	1 348.3	2 991.8	109.8	413.8
3692	Primary battenes, dry and wet	11.0	218.3	8.3	15.7	139.0	803.3	759.7	1 570.4	47.0	175.8
3693	X-ray and electromedical apparatus	43.3	1 164.6	20.6	40.9	384.2	3 062.3	1 621.7	4 666.5	158.1	1 199.7
3694	Engine electrical equipment	53.2	1 248.8	41.1	80.8	891.2	3 004.0	3 027.8	6 071.1	186.2	779.9
3699	Electrical equipment and supplies, n.e.c.	24.7	425.1	18.4	35.2	263.5	913.9	862.1	1 766.9	39.9	311.5
37	**Transportation equipment**	**1 769.5**	**58 707.6**	**1 188.6**	**2 381.0**	**35 625.5**	**125 705.6**	**188 037.4**	**313 825.1**	**11 295.3**	**50 923.1**
371	Motor vehicles and equipment	725.9	23 233.5	584.9	1 206.2	17 998.7	59 213.3	132 297.4	191 551.3	6 693.0	11 099.6
3711	Motor vehicles and car bodies	280.5	10 261.7	233.8	479.5	8 257.1	31 846.0	93 965.0	125 869.6	3 912.8	4 402.8
3713	Truck and bus bodies	33.2	709.7	24.8	50.0	485.0	1 715.0	2 031.8	3 686.3	82.3	685.2
3714	Motor vehicle parts and accessories	376.6	11 537.3	298.7	622.6	8 755.0	24 373.5	33 019.5	57 393.9	2 644.0	5 428.7
3715	Truck trailers	23.6	492.4	18.1	36.0	347.6	786.8	1 898.8	2 714.3	31.6	370.0
3716	Motor homes produced on purchased chassis	12.0	232.4	9.5	18.2	154.0	492.0	1 382.3	1 887.2	22.3	212.9
372	Aircraft and parts	570.6	19 344.4	315.2	645.4	9 094.2	37 756.0	36 441.4	74 303.1	2 817.7	30 217.5
3721	Aircraft	256.7	8 983.9	135.3	269.5	3 964.3	15 160.7	22 167.9	38 184.3	1 108.2	18 686.5
3724	Aircraft engines and engine parts	127.5	4 388.2	74.7	156.9	2 174.0	10 791.1	7 980.9	18 214.2	857.6	5 704.5
3728	Aircraft equipment, n.e.c.	186.4	5 972.3	105.2	218.9	2 955.9	11 804.2	6 312.6	17 904.6	851.9	5 826.5
373	Ship and boat building and repairing	168.7	4 073.7	120.3	258.1	2 791.1	7 230.3	5 653.5	12 888.6	302.0	1 426.3
3731	Ship building and repairing[3]	120.6	3 181.3	90.3	179.3	2 147.6	5 426.1	3 413.8	8 839.9	214.2	878.5
3732	Boat building and repairing	48.1	892.4	29.0	78.8	643.5	1 804.2	2 239.7	4 048.7	87.8	547.8
374	Railroad equipment	24.0	687.4	16.1	30.6	421.0	1 198.1	1 256.3	2 613.0	58.4	626.6
3743	Railroad equipment	24.0	687.4	16.1	30.6	421.0	1 198.1	1 256.3	2 613.0	58.4	626.6
375	Motorcycles, bicycles, and parts	7.9	189.4	6.3	13.7	123.4	430.1	617.5	1 032.0	21.4	164.1
3751	Motorcycles, bicycles, and parts	7.9	189.4	6.3	13.7	123.4	430.1	617.5	1 032.0	21.4	164.1
376	Guided missiles, space vehicles, parts	227.7	8 154.2	85.1	165.8	2 561.8	17 781.3	8 946.3	26 696.1	1 326.8	6 213.3
3761	Guided missiles and space vehicles	174.2	6 301.1	63.5	122.9	1 931.6	14 120.6	7 226.8	21 401.3	977.7	5 596.6
3764	Space propulsion units and parts	31.4	1 089.6	11.2	22.3	340.1	1 974.1	1 200.2	3 125.1	280.4	404.6
3769	Space vehicle equipment, n.e.c.	22.1	763.5	10.4	20.6	290.1	1 686.6	519.3	2 169.7	68.7	212.1
379	Miscellaneous transportation equipment	44.7	1 045.0	31.7	61.4	635.3	2 098.5	2 825.0	4 741.1	76.0	1 175.7
3792	Travel trailers and campers	14.2	257.7	11.0	20.4	166.3	506.7	916.5	1 424.8	18.5	152.6
3795	Tanks and tank components	17.8	548.1	11.6	23.6	342.2	1 073.7	1 124.5	2 010.1	28.5	806.0
3799	Transportation equipment, n.e.c	12.7	239.2	9.1	17.3	126.8	516.1	784.0	1 306.2	29.0	217.1
38	**Instruments and related products**	**585.4**	**14 818.2**	**335.4**	**660.9**	**6 704.0**	**40 005.3**	**21 888.5**	**61 910.0**	**2 277.3**	**12 216.8**
381	Engineering and scientific instruments	45.7	1 117.0	30.2	57.8	622.2	2 469.2	1 470.1	3 920.9	186.3	1 041.8
3811	Engineering and scientific instruments	45.7	1 117.0	30.2	57.8	622.2	2 469.2	1 470.1	3 920.9	186.3	1 041.8
382	Measuring and controlling devices	207.2	5 365.3	112.5	224.3	2 320.1	10 926.5	5 933.6	16 942.9	595.9	3 876.9
3822	Environmental controls	25.8	575.6	18.5	35.7	350.3	1 278.2	687.3	1 990.4	49.8	335.4
3823	Process control instruments	52.2	1 350.8	28.2	51.5	530.9	2 924.4	1 575.4	4 535.4	148.0	1 082.4
3824	Fluid meters and counting devices	10.4	237.3	6.2	12.7	113.8	548.3	298.1	858.6	29.0	158.8
3825	Instruments to measure electricity	86.2	2 356.1	44.3	89.2	986.0	4 535.2	2 407.1	6 940.5	290.4	1 772.4
3829	Measuring and controlling devices, n.e.c.	32.6	845.5	17.3	35.2	339.1	1 640.4	965.7	2 618.0	78.7	660.4
383	Optical instruments and lenses	49.8	1 383.2	25.6	48.8	535.8	3 077.6	1 948.9	4 951.7	171.7	1 321.8
3832	Optical instruments and lenses	49.8	1 383.2	25.6	48.8	535.8	3 077.6	1 948.9	4 951.7	171.7	1 321.8
384	Medical instruments and supplies	154.3	3 445.2	96.7	189.6	1 655.5	9 752.9	5 317.4	14 955.2	505.2	2 832.0
3841	Surgical and medical instruments	62.6	1 386.2	39.4	79.3	684.8	3 575.2	1 814.7	5 346.8	217.2	1 135.5
3842	Surgical appliances and supplies	77.7	1 722.7	48.6	93.6	803.9	5 379.6	2 971.6	8 290.8	254.5	1 436.7
3843	Dental equipment and supplies	14.5	336.3	8.7	16.7	164.8	798.1	531.1	1 317.6	33.5	257.8
385	Ophthalmic goods	21.7	414.6	14.3	28.6	207.5	933.5	472.2	1 411.2	92.6	335.2
3851	Ophthalmic goods	21.7	414.6	14.3	28.6	207.5	933.5	472.2	1 411.2	92.6	335.2
386	Photographic equipment and supplies	94.6	2 870.2	47.6	95.0	1 235.0	12 335.9	6 110.5	18 580.4	697.0	2 480.4
3861	Photographic equipment and supplies	94.6	2 870.2	47.6	95.0	1 235.0	12 335.9	6 110.5	18 580.4	697.0	2 480.4
387	Watches, clocks, and watchcases	11.6	222.7	8.5	16.8	127.9	509.7	635.8	1 147.6	28.6	228.7
3873	Watches, clocks, and watchcases	11.6	222.7	8.5	16.8	127.9	509.7	635.8	1 147.6	28.6	228.7
39	**Miscellaneous manufacturing industries**	**326.1**	**5 892.3**	**236.3**	**459.1**	**3 520.4**	**14 622.0**	**12 652.3**	**27 219.3**	**655.4**	**5 019.1**
391	Jewelry, silverware, and plated ware	45.7	812.1	31.7	60.3	470.7	1 950.0	2 679.5	4 622.4	43.3	1 286.7
3911	Jewelry, precious metal	32.6	564.9	22.2	41.7	316.5	1 415.3	1 886.4	3 302.5	27.3	860.7
3914	Silverware and plated ware	5.7	120.7	3.8	7.2	71.1	252.8	227.5	473.7	10.2	209.6
3915	Jewelers' materials and lapidary work	7.4	126.5	5.7	11.4	83.1	281.9	565.6	846.2	5.8	222.4
393	Musical instruments	12.2	211.8	9.4	18.8	140.2	443.5	301.3	742.2	11.0	160.7
3931	Musical instruments	12.2	211.8	9.4	18.8	140.2	443.5	301.3	742.2	11.0	160.7
394	Toys and sporting goods	76.2	1 281.8	55.9	106.4	778.4	4 029.3	3 684.3	7 695.9	227.1	1 398.0
3942	Dolls	3.0	48.4	1.8	3.3	23.1	235.0	235.6	470.6	(D)	71.5
3944	Games, toys, and children's vehicles	30.0	504.3	22.3	41.7	305.8	1 663.1	1 603.8	3 264.7	112.4	497.2
3949	Sporting and athletic goods, n.e.c.	43.2	729.1	31.8	61.5	449.5	2 131.2	1 844.9	3 960.6	(D)	829.3
395	Pens, pencils, and office and art supplies	25.9	464.0	18.9	37.8	288.3	1 224.6	986.0	2 198.4	66.8	367.4
3951	Pens and mechanical pencils	8.2	151.9	6.2	12.0	100.0	444.3	312.6	757.9	19.6	143.3
3952	Lead pencils and art goods	5.4	101.1	4.0	7.9	62.0	315.4	239.8	547.0	12.9	111.7
3953	Marking devices	5.9	92.1	3.7	7.6	49.5	186.8	84.0	271.7	16.8	29.6
3955	Carbon paper and inked ribbons	6.4	118.9	5.0	10.3	76.8	278.1	349.6	621.8	17.5	82.6
396	Costume jewelry and notions	38.7	592.7	26.9	52.8	353.2	1 438.4	1 037.8	2 476.6	59.1	400.7
3961	Costume jewelry	18.5	303.1	12.7	26.7	186.2	782.4	509.3	1 292.3	19.0	188.1
3962	Artificial flowers	5.9	74.0	4.4	7.7	43.7	173.6	139.7	314.6	9.2	63.7
3963	Buttons	2.1	37.1	1.8	3.2	23.1	89.2	88.8	180.6	5.6	15.0
3964	Needles, pins, and fasteners	10.3	178.5	8.0	15.3	116.2	391.2	299.8	689.1	25.3	133.9

See footnotes at end of table.

1985										Standard error of estimate[1] (percent) for column—						SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)							
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)												
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
																36
558.1	12 351.8	345.2	667.0	5 808.1	26 367.6	16 413.8	42 920.5	4 494.9	7 620.6	2	1	1	1	1	1	367
28.6	718.8	20.9	42.1	461.3	1 352.5	993.4	2 362.9	160.2	398.8	7	3	1	7	2	1	3671
190.4	5 016.3	91.8	177.5	1 837.2	10 872.1	5 427.6	16 487.3	2 831.7	2 807.8	1	1	1	1	1	1	3674
26.5	417.9	20.2	38.3	282.5	851.6	536.1	1 410.0	125.2	349.7	3	3	3	2	2	3	3675
17.3	297.2	11.8	22.8	159.9	643.8	280.9	906.5	88.0	193.3	12	10	16	10	10	26	3676
24.0	334.5	19.5	35.9	215.4	682.6	437.3	1 130.2	19.7	166.2	10	10	16	8	7	9	3677
39.2	818.3	28.2	52.8	504.2	1 968.6	1 086.4	3 097.8	207.3	645.5	3	3	4	3	2	4	3678
232.1	4 748.8	152.8	297.7	2 347.6	9 996.3	7 652.1	17 523.7	1 062.8	3 059.3	2	2	2	2	2	2	3679
157.0	3 604.7	106.3	205.5	2 049.7	9 525.1	7 355.3	16 868.5	625.3	2 898.3	2	2	2	2	1	2	369
23.5	567.2	18.6	36.1	425.4	1 535.3	1 263.0	2 797.1	118.0	411.6	2	1	2	2	1	1	3691
11.4	210.7	8.6	16.2	139.8	778.3	712.0	1 479.1	65.8	157.7	3	3	5	3	2	13	3692
46.3	1 222.0	21.3	41.8	383.5	3 253.6	1 728.2	5 001.1	172.8	1 287.3	3	4	4	2	2	4	3693
52.9	1 224.7	40.5	78.8	863.8	3 121.0	2 820.9	5 925.3	222.2	768.9	2	2	2	2	2	1	3694
22.9	380.1	17.3	32.6	237.2	836.9	831.2	1 666.0	46.5	272.8	6	5	6	5	4	13	3699
1 757.0	**54 591.8**	**1 179.6**	**2 406.6**	**33 171.4**	**120 953.1**	**80 856.2**	**301 386.0**	**10 377.7**	**50 947.2**	**1**	**1**	**1**	**1**	**1**	**1**	**37**
751.5	23 718.5	612.5	1 272.6	18 629.6	57 127.4	131 130.2	188 535.6	6 037.9	11 662.2	1	1	1	1	1	1	371
295.8	10 670.3	249.7	522.4	8 724.1	28 051.1	94 220.6	122 327.4	2 904.7	4 941.8	1	1	1	1	1	1	3711
31.7	642.3	24.0	46.5	444.3	1 597.4	1 904.2	3 473.2	63.3	594.0	5	5	8	5	4	6	3713
385.4	11 649.6	308.7	645.2	8 935.4	28 093.7	31 551.5	57 931.0	2 962.0	5 443.1	2	1	1	2	1	1	3714
26.4	533.1	20.4	39.6	376.0	817.1	2 116.8	2 931.8	66.1	447.0	12	16	11	3	4	14	3715
																3716
12.2	223.2	9.7	18.9	149.8	558.1	1 337.1	1 872.2	41.8	236.3	7	9	6	5	6	10	
528.2	17 166.9	288.3	586.4	8 074.7	35 798.3	30 462.1	66 058.0	2 428.6	29 824.8	1	1	1	1	1	1	372
241.8	8 006.8	121.9	238.6	3 482.5	17 096.3	17 482.1	34 976.5	1 013.3	19 028.6	1	1	1	1	1	1	3721
118.6	3 984.2	70.3	145.8	1 955.0	8 462.1	7 107.3	15 389.9	692.0	5 106.7	2	1	2	2	1	2	3724
167.8	5 175.9	96.1	202.0	2 637.2	10 239.9	5 872.7	15 691.6	723.3	5 689.5	1	1	2	1	1	2	3728
175.4	4 102.7	134.7	263.3	2 826.5	7 206.5	5 646.1	12 854.1	375.9	1 493.6	2	1	2	2	1	2	373
130.3	3 315.9	99.0	194.0	2 278.0	5 739.8	3 618.0	9 357.7	296.0	956.3	2	1	1	2	1	1	3731
45.1	786.8	35.7	69.3	548.5	1 466.7	2 028.1	3 496.4	79.9	537.3	4	4	6	5	4	6	3732
27.9	762.2	18.9	35.9	475.9	1 286.1	1 391.4	2 735.5	79.2	732.6	3	2	3	2	2	3	374
27.6	762.2	18.9	35.9	475.9	1 286.1	1 391.4	2 735.5	79.2	732.6	3	2	3	2	2	3	3743
9.2	168.7	7.4	15.3	121.5	402.3	644.6	1 044.0	23.4	152.0	6	4	8	5	4	5	375
9.2	168.7	7.4	15.3	121.5	402.3	644.6	1 044.0	23.4	152.0	6	4	8	5	4	5	3751
217.8	7 642.3	84.0	169.4	2 417.7	17 108.4	5 240.6	24 736.9	1 355.6	6 113.3	1	1	1	1	1	1	376
154.3	5 473.3	53.4	105.8	1 491.7	12 576.7	6 098.7	18 087.1	968.8	5 471.1	1	1	1	1	1	1	3761
29.8	1 034.2	11.3	24.5	339.9	1 879.7	1 205.6	3 110.0	233.5	349.5	1	1	1	1	1	1	3764
33.7	1 141.8	19.3	39.1	588.1	2 652.0	936.3	3 539.8	153.3	292.7	1		2	1	1	1	3769
47.3	1 023.5	33.8	63.7	625.5	2 024.1	3 341.2	5 421.9	77.1	968.7	3	3	7	3	3	10	379
13.5	229.2	10.9	20.5	155.7	478.8	874.2	1 354.2	14.5	133.8	4	4	4	4	5	7	3792
21.2	578.8	14.1	26.6	344.3	1 055.2	1 761.2	2 887.5	32.4	615.3	1	1	8	2	1	6	3795
12.6	215.5	8.8	16.6	125.5	490.2	705.8	1 180.2	30.2	219.8	8	12	16	8	8	23	3799
804.3	**14 666.4**	**348.0**	**676.4**	**6 692.6**	**40 278.3**	**20 982.1**	**61 008.2**	**2 561.2**	**12 354.0**	**2**	**1**	**3**	**2**	**1**	**2**	**38**
46.7	1 074.1	28.9	53.9	545.2	2 581.0	1 480.5	3 933.9	187.0	1 023.9	10	6	31	10	5	18	381
46.7	1 074.1	28.9	53.9	545.2	2 581.0	1 480.5	3 933.9	187.0	1 023.9	10	6	31	10	5	18	3811
217.1	5 264.6	120.2	231.8	2 350.1	11 621.6	5 875.0	17 479.9	683.4	4 168.2	2	2	4	2	2	3	382
27.1	580.9	19.5	36.9	355.9	1 318.2	669.8	1 989.3	63.6	366.5	3	4	9	2	3	7	3822
55.3	1 383.4	28.3	55.3	554.5	3 046.2	1 590.0	4 609.6	149.9	1 170.1	3	2	6	3	2	3	3823
10.4	236.6	6.2	11.8	117.4	554.7	310.2	865.3	41.0	171.6	11	16	10	4	8	8	3824
92.4	2 293.6	48.3	93.1	989.6	5 169.8	2 474.0	7 705.2	343.1	1 811.8	2	2	6	2	2	5	3825
31.9	770.1	17.9	34.7	332.7	1 532.7	831.0	2 310.5	85.8	668.2	4	5	6	4	4	6	3829
53.2	1 336.5	26.8	51.5	498.4	3 160.3	1 853.9	4 948.9	206.6	1 256.7	3	3	6	3	2	6	383
53.2	1 336.5	26.8	51.5	498.4	3 160.3	1 853.9	4 948.9	206.6	1 256.7	3	3	6	3	2	6	3832
152.1	3 218.0	97.7	190.6	1 584.9	9 243.8	4 984.8	14 202.8	575.6	2 664.1	3	2	4	2	2	3	384
61.4	1 290.7	39.3	77.8	631.8	3 528.1	1 603.4	5 081.6	202.9	1 060.9	5	4	6	4	3	4	3841
76.3	1 606.6	49.2	95.3	794.6	4 975.1	2 872.7	7 864.7	348.3	1 350.3	3	3	6	2	3	3	3842
14.4	320.7	9.2	17.4	158.5	740.6	508.7	1 256.5	24.4	252.9	6	5	14	7	5	9	3843
24.9	434.0	15.5	31.2	210.1	995.6	412.4	1 418.2	78.6	343.2	5	5	6	4	4	8	385
24.9	434.0	15.5	31.2	210.1	995.6	412.4	1 418.2	78.6	343.2	5	5	6	4	4	8	3851
98.5	3 128.8	50.2	100.4	1 377.3	12 257.4	5 890.1	18 114.4	834.2	2 673.1	2	1	1	2	1	1	386
98.5	3 128.8	50.2	100.4	1 377.3	12 257.4	5 890.1	18 114.4	834.2	2 673.1	2	1	1	2	1	1	3861
11.8	210.4	8.7	17.1	126.6	418.6	485.4	912.1	15.8	204.8	4	5	45	4	5	15	387
11.8	210.4	8.7	17.1	126.6	418.6	485.4	912.1	15.8	204.8	4	5	45	4	5	15	3873
328.0	**5 725.7**	**234.6**	**452.4**	**3 415.3**	**14 031.6**	**12 442.4**	**26 527.1**	**866.8**	**4 986.6**	**3**	**2**	**4**	**3**	**2**	**5**	**39**
47.1	812.7	32.5	58.9	461.4	1 876.6	2 601.4	4 403.7	65.5	1 255.4	8	5	6	6	4	5	391
33.7	579.7	23.0	40.0	319.9	1 318.8	1 847.4	3 133.4	26.1	828.2	6	5	8	6	5	9	3911
6.6	126.8	1.3	8.6	73.9	273.4	268.6	541.4	10.9	222.4	24	8	7	21	9	5	3914
6.8	106.2	5.2	10.3	67.6	284.4	485.4	726.8	28.5	204.8	27	15	11	31	12	6	3915
12.1	202.8	9.1	17.4	134.8	407.2	295.7	725.2	15.0	203.5	9	7	12	6	6	9	393
12.1	202.8	9.1	17.4	134.8	407.2	295.7	725.2	15.0	203.5	9	7	12	6	6	9	3931
73.9	1 222.5	55.4	102.9	734.5	3 874.7	3 641.2	7 585.8	195.7	1 461.0	5	4	5	4	3	8	394
3.5	52.4	2.4	4.4	29.3	231.3	257.6	496.0	16.2	95.3	52	11	(X)	44	12	4	3942
27.6	462.5	20.6	38.5	267.3	1 714.8	1 601.2	3 323.7	68.2	538.3	6	4	6	5	3	6	3944
42.8	707.6	32.4	60.1	437.9	1 928.6	1 782.4	3 766.1	111.3	827.4	6	7	(X)	5	4	14	3949
27.5	469.0	20.0	39.1	292.3	1 143.0	971.2	2 143.6	58.3	362.0	6	4	19	4	4	7	395
8.9	160.9	6.7	12.4	103.6	419.8	323.7	746.9	20.1	148.0	7	5	9	7	6	8	3951
5.6	97.9	4.1	8.2	56.7	293.3	214.1	510.8	14.7	104.9	5	4	6	3	4	8	3952
6.7	97.5	4.4	9.0	60.4	186.1	79.7	273.2	6.9	33.8	16	19	72	12	17	39	3953
6.3	112.7	4.8	9.5	71.6	243.8	353.7	612.5	16.6	75.3	12	8	16	6	7	9	3955
38.8	606.9	29.1	56.7	371.3	1 484.3	1 066.1	2 541.9	63.7	421.7	12	6	11	12	6	9	396
16.7	292.5	13.5	27.0	171.3	762.7	512.5	1 265.0	19.9	187.5	22	9	30	23	10	25	3961
5.8	73.8	4.4	7.4	42.0	183.9	145.2	312.4	6.1	58.6	13	19	23	16	14	13	3962
2.5	38.6	1.9	3.6	22.3	99.6	76.8	176.1	3.3	17.9	22	25	44	11	19	37	3963
11.5	202.0	9.3	18.7	135.7	458.1	331.6	788.3	34.4	157.7	6	5	3	6	4	6	3964

Table 2. Statistics for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
39	**Miscellaneous manufacturing industries**—Con.										
399	Miscellaneous manufactures	129.4	2 529.9	93.5	183.0	1 489.6	5 538.2	3 963.6	9 483.8	248.1	1 385.6
3991	Brooms and brushes	11.4	202.3	8.7	16.9	118.9	479.3	386.2	859.3	27.6	166.8
3993	Signs and advertising displays	53.7	1 144.2	36.7	74.3	634.6	2 143.3	1 431.2	3 557.5	75.2	388.0
3995	Burial caskets	8.4	155.0	6.6	13.2	105.0	403.9	333.5	738.3	29.7	96.5
3996	Hard surface floor coverings	7.0	197.1	5.5	11.3	145.3	693.4	461.9	1 155.4	52.4	168.1
3999	Manufacturing industries, n.e.c.	48.9	831.3	36.0	67.3	485.8	1 818.3	1 345.8	3 173.4	63.2	566.2
—	**Auxiliaries**[2]	**1 283.2**	**48 292.9**	-	-	-	-	-	-	-	-

[1]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

[2]In addition to the employment and payroll reported for manufacturing establishments, manufacturing concerns reported separately for auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.), rather than the general public. Separate reports were obtained if these units were at different geographic locations from establishments served or if they serviced more than one manufacturing establishment. Employment and payroll data shown represent total for all such units which primarily serve manufacturing plants.

[3]Data in value of shipments column represent value of production rather than value of shipments. Consequently, formula for computing value added by manufacture was modified to exclude any change in finished products between beginning- and end-of-year inventories.

[4]These data have been revised and may not be comparable to prior years data.

1985										Standard error of estimate[1] (percent) for column—						SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)							
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)												
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
																39
128.6	2 411.8	88.5	177.4	1 421.0	5 245.8	3 866.8	9 126.9	268.6	1 283.0	4	3	7	4	3	11	[illegible]
11.4	190.3	8.6	16.3	111.9	438.9	369.7	808.0	26.1	154.4	8	8	32	8	7	26	3991
54.6	1 099.9	38.5	74.6	626.3	2 129.9	1 425.1	3 533.2	98.3	358.7	8	7	19	7	7	26	3993
8.7	151.0	6.9	13.2	103.9	397.0	329.3	727.3	28.5	85.3	10	6	4	10	6	12	3995
6.2	165.8	4.8	9.4	121.8	573.7	436.0	1 025.7	37.7	155.3	3	1	1	3	1	1	3996
47.7	804.8	29.7	63.9	457.1	1 706.3	1 306.7	3 032.7	78.0	529.3	6	4	6	6	4	5	3999
1 288.1	**46 484.6**	-	-	-	-	-	-	-	-	**1**	**(X)**	**(X)**	**1**	**(X)**	**(X)**	—

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
			Compensation (million dollars)					Compensation (million dollars)					
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
	All industries	**17 086.8**	**494 730.7**	**402 466.7**	**38 640.3**	**53 623.7**	**'17 508.3**	**'488 734.3**	**'396 610.5**	**'37 478.9**	**'54 644.9**	**1**	**1**
20	Food and kindred products	1 408.9	35 417.9	28 567.3	3 047.1	3 803.5	1 422.5	34 795.2	28 077.3	2 918.7	3 799.2	1	1
21	Tobacco products	48.1	1 755.3	1 360.4	114.9	280.0	49.2	1 814.6	1 369.4	116.5	328.7	1	1
22	Textile mill products	644.3	12 236.7	10 305.8	1 006.6	924.3	658.4	11 815.1	9 967.1	953.4	894.6	1	1
23	Apparel and other textile products	1 016.5	14 689.4	12 471.2	1 200.8	1 017.4	1 059.2	14 660.1	12 470.6	1 186.6	1 002.9	2	2
24	Lumber and wood products	619.5	13 081.4	10 819.7	1 241.1	1 020.6	612.9	12 571.2	10 407.4	1 143.2	1 020.6	2	2
25	Furniture and fixtures	466.7	9 694.8	8 030.4	812.9	851.5	472.3	9 320.6	7 754.6	786.4	799.6	2	2
26	Paper and allied products	602.6	19 671.5	16 112.8	1 527.9	2 030.8	'603.9	'18 786.9	'15 346.0	'1 393.3	'2 049.6	1	1
27	Printing and publishing	1 376.2	35 228.4	29 890.4	2 456.4	2 881.6	1 359.8	33 233.1	28 169.2	2 293.3	2 770.6	1	1
28	Chemicals and allied products	801.6	28 994.0	23 710.9	2 059.4	3 223.7	826.2	28 674.5	23 344.9	1 978.3	3 351.3	1	1
29	Petroleum and coal products	124.5	5 130.9	4 214.7	370.8	545.4	127.5	5 149.1	4 131.8	352.6	664.7	2	2
30	Rubber and miscellaneous plastics products	741.3	18 841.8	15 273.3	1 606.4	1 962.1	742.5	18 196.0	14 722.9	1 517.4	1 955.7	2	1
31	Leather and leather products	129.8	2 031.2	1 690.3	182.9	158.0	146.7	2 237.5	1 863.2	201.0	173.3	4	4
32	Stone, clay, and glass products	514.1	14 494.4	11 745.2	1 256.7	1 492.5	'520.0	'14 172.4	'11 481.9	'1 198.1	'1 492.4	2	1
33	Primary metal industries	689.8	24 959.7	18 381.6	2 133.2	3 944.9	'746.9	'26 358.9	'19 961.7	'2 192.6	'4 204.6	1	1
34	Fabricated metal products	1 419.5	40 876.8	33 115.8	3 367.1	4 393.9	1 472.8	40 949.8	33 150.0	3 307.6	4 492.2	1	1
35	Machinery, except electrical	1 863.0	60 613.0	49 645.2	4 633.6	6 334.2	1 991.1	62 195.9	50 904.6	4 636.0	6 655.3	1	1
36	Electric and electronic equipment	1 941.4	60 502.3	49 213.6	4 342.4	6 946.3	2 007.1	59 654.4	48 504.0	4 230.1	6 920.3	1	1
37	Transportation equipment	1 769.5	71 559.5	56 707.6	5 386.8	9 465.1	1 757.0	69 633.3	54 591.8	5 273.7	9 767.8	1	1
38	Instruments and related products	585.4	17 938.7	14 818.2	1 304.3	1 816.2	604.3	17 678.8	14 666.4	1 265.1	1 747.3	1	2
39	Miscellaneous manufacturing industries	326.1	7 013.0	5 892.3	589.0	531.7	328.0	6 834.9	5 725.7	555.0	554.2	2	2
20	**Food and kindred products**	**1 408.9**	**35 417.9**	**28 567.3**	**3 047.1**	**3 803.5**	**1 422.5**	**34 795.2**	**28 077.3**	**2 918.7**	**3 799.2**	**1**	**1**
201	Meat products	317.2	6 304.3	5 133.4	591.0	579.9	303.3	5 992.6	4 882.0	550.7	559.9	1	1
2011	Meat packing plants	119.0	2 735.6	2 211.0	269.0	255.6	122.2	2 800.5	2 252.9	272.0	275.6	2	2
2013	Sausages and other prepared meats	68.5	1 637.9	1 327.1	141.4	169.4	64.6	1 528.7	1 237.2	131.4	160.1	3	3
2016	Poultry dressing plants	112.6	1 653.0	1 366.0	155.2	131.8	104.0	1 440.9	1 204.5	128.5	107.9	2	2
2017	Poultry and egg processing	17.1	277.8	229.3	25.4	23.1	12.5	222.5	187.4	18.8	16.3	5	3
202	Dairy products	137.1	3 687.8	2 973.5	309.7	404.6	137.6	3 553.0	2 875.6	290.3	387.1	2	2
2021	Creamery butter	1.7	49.7	40.1	3.9	5.7	2.0	50.7	40.9	3.9	5.9	3	3
2022	Cheese, natural and processed	32.3	740.9	603.0	60.3	77.6	31.5	688.2	562.2	54.8	71.2	3	4
2023	Condensed and evaporated milk	13.5	448.4	357.0	35.8	55.6	12.0	397.6	315.5	29.7	52.4	2	3
2024	Ice cream and frozen desserts	18.2	466.4	383.2	38.2	45.0	18.9	466.5	384.7	38.2	43.6	4	4
2026	Fluid milk	71.4	1 982.4	1 590.2	171.5	220.7	73.2	1 950.0	1 572.3	163.7	214.0	3	2
203	Preserved fruits and vegetables	220.6	4 845.8	3 864.5	462.1	519.2	221.0	4 751.8	3 781.4	445.8	524.6	1	2
2032	Canned specialties	24.7	640.7	513.2	54.6	72.9	24.2	609.3	476.9	54.1	78.3	1	3
2033	Canned fruits and vegetables	67.4	1 405.9	1 105.2	142.1	158.6	67.6	1 428.5	1 132.5	136.9	159.1	2	3
2034	Dehydrated fruits, vegetables, and soups	12.2	283.6	221.9	26.7	35.0	13.2	311.6	242.8	29.3	39.5	4	6
2035	Pickles, sauces, and salad dressings	23.1	573.6	471.3	48.3	54.0	22.9	536.8	439.3	44.3	53.2	3	4
2037	Frozen fruits and vegetables	46.4	892.0	701.0	93.6	97.4	46.1	889.0	698.6	93.0	97.4	2	2
2038	Frozen specialties	46.8	1 050.0	851.9	96.8	101.3	47.0	976.6	791.3	88.2	97.1	3	3
204	Grain mill products	96.8	3 043.4	2 471.5	249.4	322.5	99.2	2 966.6	2 400.8	234.9	330.9	2	2
2041	Flour and other grain mill products	13.5	435.7	348.7	40.1	46.9	13.3	408.7	331.5	33.3	43.9	3	3
2043	Cereal breakfast foods	16.4	731.4	585.1	59.9	86.4	16.3	706.0	563.1	54.3	88.6	1	1
2044	Rice milling	5.0	120.8	99.2	11.4	10.2	4.9	120.0	97.6	11.6	10.8	3	3
2045	Blended and prepared flour	7.4	202.0	166.8	13.7	21.5	7.3	194.8	160.2	13.2	21.4	1	3
2046	Wet corn milling	8.3	332.5	263.2	24.4	44.9	8.7	340.7	266.5	24.9	49.3	1	1
2047	Dog, cat, and other pet food	16.2	508.2	412.9	39.9	55.4	16.7	482.2	386.1	38.6	57.5	4	8
2048	Prepared feeds, n.e.c.	30.0	712.3	595.6	60.0	57.2	32.0	714.2	595.8	59.0	59.4	4	3
205	Bakery products	198.4	5 535.6	4 390.9	437.5	707.2	208.8	5 625.5	4 478.2	436.2	711.1	2	1
2051	Bread, cake, and related products	153.4	4 213.1	3 371.2	324.5	517.4	162.1	4 385.6	3 515.4	338.6	531.4	2	2
2052	Cookies and crackers	45.0	1 322.5	1 019.7	113.0	189.8	46.7	1 239.9	962.8	97.4	179.7	3	2
206	Sugar and confectionery products	88.9	2 382.4	1 900.6	210.7	271.1	91.2	2 306.1	1 845.8	200.2	260.1	2	2
2061	Raw cane sugar	6.4	176.0	141.3	17.6	17.1	6.8	176.8	141.4	17.9	17.5	2	2
2062	Cane sugar refining	5.5	221.4	179.3	18.2	23.9	5.8	220.0	175.8	15.9	28.3	3	2
2063	Beet sugar	7.9	229.2	186.2	22.3	20.7	7.9	216.1	180.6	19.8	15.7	4	4
2065	Confectionery products	53.2	1 265.6	1 004.7	113.9	147.0	54.6	1 224.0	977.6	108.2	138.2	3	2
2066	Chocolate and cocoa products	10.5	330.5	263.6	26.6	40.3	10.8	316.5	251.5	26.5	38.5	1	1
2067	Chewing gum	5.4	159.7	125.5	12.1	22.1	5.3	152.7	118.9	11.9	21.9	5	4
207	Fats and oils	32.9	911.2	734.5	84.4	92.3	33.8	933.1	753.4	83.7	96.0	4	4
2074	Cottonseed oil mills	3.6	77.5	61.2	8.3	8.0	3.5	80.2	64.5	8.1	7.6	6	5
2075	Soybean oil mills	7.0	204.1	166.6	19.0	18.5	7.3	206.3	168.8	18.5	19.0	1	1
2076	Vegetable oil mills, n.e.c.	1.1	24.9	20.4	2.4	2.1	1.2	25.9	21.4	2.3	2.2	18	18
2077	Animal and marine fats and oils	10.8	275.9	223.6	27.1	25.2	11.1	290.0	233.9	29.1	27.0	10	10
2079	Shortening and cooking oils	10.4	328.8	262.7	27.6	38.5	10.7	330.7	264.8	25.7	40.2	3	3
208	Beverages	171.8	5 581.6	4 548.9	444.1	588.8	183.4	5 675.3	4 624.5	440.3	610.5	2	2
2082	Malt beverages	34.0	1 548.4	1 255.1	112.1	181.2	40.3	1 689.9	1 357.8	121.2	210.9	1	1
2083	Malt	1.5	53.3	41.0	4.7	7.6	1.6	56.8	43.7	4.8	8.3	3	2
2084	Wines, brandy, and brandy spirits	13.1	398.6	318.1	34.4	46.1	13.2	374.0	296.6	32.2	45.2	2	2
2085	Distilled liquor, except brandy	9.9	329.3	261.4	28.0	39.9	10.5	341.9	267.6	27.7	46.6	2	2
2086	Bottled and canned soft drinks	102.0	2 860.4	2 348.1	235.5	276.8	105.8	2 833.3	2 344.8	227.7	260.8	2	3
2087	Flavoring extracts and syrups, n.e.c.	11.3	391.8	325.2	29.4	37.2	12.0	379.4	314.0	26.7	38.7	6	8
209	Miscellaneous foods and kindred products	145.2	3 125.6	2 549.5	258.2	317.9	144.2	2 991.2	2 435.6	236.6	319.0	3	2
2091	Canned and cured seafoods	4.4	87.5	71.4	7.7	8.4	5.8	102.3	84.5	8.6	9.2	24	15
2092	Fresh or frozen packaged fish	36.6	544.2	461.0	49.6	33.6	36.0	487.0	410.7	43.8	32.5	5	5
2095	Roasted coffee	11.5	385.8	307.1	31.0	47.7	11.4	366.5	294.5	27.5	44.5	10	4
2097	Manufactured ice	4.6	72.0	65.9	4.1	2.0	4.6	75.4	69.4	4.0	2.0	31	28
2098	Macaroni and spaghetti	7.2	169.5	139.5	13.4	16.6	7.7	173.4	141.7	13.1	18.6	6	6
2099	Food preparations, n.e.c.	80.9	1 866.6	1 504.6	152.4	209.6	78.7	1 786.6	1 434.8	130.8	212.2	2	2

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
			Compensation (million dollars)					Compensation (million dollars)					
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
21	**Tobacco products**	**46.1**	**1 755.3**	**1 360.4**	**114.9**	**280.0**	**49.2**	**1 814.6**	**1 369.4**	**116.5**	**328.7**	1	1
211	Cigarettes	32.7	1 434.3	1 101.4	90.2	242.7	35.5	1 518.4	1 130.7	93.7	294.0	1	1
2111	Cigarettes	32.7	1 434.3	1 101.4	90.2	242.7	35.5	1 518.4	1 130.7	93.7	294.0	1	1
212	Cigars	3.7	68.3	55.4	5.4	7.5	4.0	63.2	50.1	5.4	7.7	5	6
2121	Cigars	3.7	68.3	55.4	5.4	7.5	4.0	63.2	50.1	5.4	7.7	5	6
213	Chewing and smoking tobacco	3.3	96.7	78.3	6.0	12.4	3.0	74.1	61.7	3.9	8.5	13	10
2131	Chewing and smoking tobacco	3.3	96.7	78.3	6.0	12.4	3.0	74.1	61.7	3.9	8.5	13	10
214	Tobacco stemming and redrying	6.4	156.0	125.3	13.3	17.4	6.7	158.9	126.9	13.5	18.5	3	3
2141	Tobacco stemming and redrying	6.4	156.0	125.3	13.3	17.4	6.7	158.9	126.9	13.5	18.5	3	3
22	**Textile mill products**	**644.3**	**12 236.7**	**10 305.8**	**1 006.6**	**924.3**	**658.4**	**11 815.1**	**9 967.1**	**953.4**	**894.6**	1	1
221	Weaving mills, cotton	58.3	1 111.2	932.8	90.4	88.0	62.1	1 100.2	924.2	89.2	86.8	2	2
2211	Weaving mills, cotton	58.3	1 111.2	932.8	90.4	88.0	62.1	1 100.2	924.2	89.2	86.8	2	2
222	Weaving mills, synthetics	109.7	2 224.0	1 881.7	182.1	160.2	115.0	2 170.6	1 832.3	178.7	159.6	3	3
2221	Weaving mills, manmade fiber and silk	109.7	2 224.0	1 881.7	182.1	160.2	115.0	2 170.6	1 832.3	178.7	159.6	3	3
223	Weaving and finishing mills, wool	12.3	240.1	194.8	21.0	24.3	13.1	248.1	203.8	22.1	22.2	2	1
2231	Weaving and finishing mills, wool	12.3	240.1	194.8	21.0	24.3	13.1	248.1	203.8	22.1	22.2	2	1
224	Narrow fabric mills	17.2	306.1	259.7	27.3	19.1	16.9	286.0	242.3	24.1	19.6	8	8
2241	Narrow fabric mills	17.2	306.1	259.7	27.3	19.1	16.9	286.0	242.3	24.1	19.6	8	8
225	Knitting mills	189.9	3 177.1	2 691.3	264.4	221.4	192.7	3 095.6	2 632.9	247.3	215.4	2	2
2251	Women's full-length and knee-length hosiery	30.7	474.3	403.6	39.2	31.5	30.8	448.2	383.2	35.0	30.0	4	3
2252	Hosiery, n.e.c.	32.9	474.7	414.7	35.3	24.7	31.7	444.6	386.4	33.6	24.6	5	5
2253	Knit outerwear mills	60.4	977.4	824.9	89.9	62.6	62.7	986.9	830.2	85.7	71.0	5	4
2254	Knit underwear mills	22.3	362.6	301.1	28.4	33.1	24.0	356.1	301.8	26.4	27.9	6	3
2257	Circular knit fabric mills	26.8	531.9	444.0	43.0	44.9	25.7	496.4	418.6	38.9	38.9	4	5
2258	Warp knit fabric mills	14.1	306.3	260.6	23.9	21.8	15.4	323.8	278.4	24.2	21.2	3	3
2259	Knitting mills, n.e.c.	2.7	49.9	42.4	4.7	2.8	2.4	39.6	34.3	3.5	1.8	4	11
226	Textile finishing, except wool	52.6	1 112.7	935.6	91.0	86.1	52.2	1 048.0	887.1	84.7	76.2	4	4
2261	Finishing plants, cotton	9.3	195.1	168.0	15.6	11.5	9.4	181.6	155.6	15.4	10.6	13	14
2262	Finishing plants, manmade	32.8	726.1	605.4	59.2	61.5	32.0	679.4	573.2	53.7	52.5	4	5
2269	Finishing plants, n.e.c.	10.5	191.5	162.2	16.2	13.1	10.8	187.0	158.3	15.6	13.1	4	4
227	Floor covering mills	49.8	1 057.5	907.4	83.0	67.1	48.2	960.8	826.5	73.5	60.8	3	3
2271	Woven carpets and rugs	3.4	65.6	55.5	5.6	4.5	3.3	63.9	53.8	5.6	4.5	8	7
2272	Tufted carpets and rugs	43.7	931.4	801.4	72.2	57.8	42.9	853.3	735.5	64.3	53.5	3	3
2279	Carpets and rugs, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
228	Yarn and thread mills	101.5	1 800.4	1 520.8	147.2	132.4	104.1	1 735.3	1 467.4	139.7	128.2	2	2
2281	Yarn mills, except wool	70.8	1 250.2	1 064.2	100.9	85.1	69.9	1 153.4	981.2	92.1	80.1	3	3
2282	Throwing and winding mills	19.7	353.2	291.7	30.1	31.4	21.9	378.7	315.0	31.9	31.8	5	4
2283	Wool yarn mills	3.0	53.4	45.0	4.4	4.0	3.8	60.8	51.5	4.9	4.4	18	19
2284	Thread mills	8.0	143.6	119.9	11.8	11.9	8.5	142.4	119.7	10.8	11.9	8	4
229	Miscellaneous textile goods	53.0	1 207.6	981.7	100.2	125.7	54.1	1 170.5	950.6	94.1	125.8	3	3
2291	Felt goods, except woven felts and hats	4.6	124.5	102.2	10.1	12.2	4.2	103.7	84.4	8.2	11.1	11	14
2292	Lace goods	2.0	34.0	28.7	3.5	1.8	2.2	35.3	30.0	3.6	1.7	16	21
2293	Paddings and upholstery filling	4.4	92.4	76.9	8.1	7.4	4.4	85.6	71.7	7.1	6.8	4	5
2294	Processed textile waste	3.5	44.2	38.3	3.8	2.1	3.2	45.1	38.6	3.9	2.6	56	118
2295	Coated fabrics, not rubberized	9.7	279.3	218.1	23.8	37.4	10.4	281.5	221.2	23.3	37.0	5	5
2296	Tire cord and fabric	5.2	121.2	95.1	10.5	15.6	5.7	122.9	95.4	10.7	16.8	1	2
2297	Nonwoven fabrics	13.1	320.5	260.8	24.3	35.4	12.5	292.9	237.5	20.3	35.1	2	2
2298	Cordage and twine	6.0	112.9	93.8	10.3	8.8	6.3	111.1	92.9	9.9	8.3	5	5
2299	Textile goods, n.e.c.	4.5	78.6	67.8	5.8	5.0	5.2	92.4	78.9	7.1	6.4	12	12
23	**Apparel and other textile products**	**1 016.5**	**14 689.4**	**12 471.2**	**1 200.8**	**1 017.4**	**1 059.2**	**14 660.1**	**12 470.6**	**1 186.6**	**1 002.9**	2	2
231	Men's and boys' suits and coats	59.5	975.1	808.3	78.3	88.5	64.9	1 036.6	862.5	84.3	89.8	3	3
2311	Men's and boys' suits and coats	59.5	975.1	808.3	78.3	88.5	64.9	1 036.6	862.5	84.3	89.8	3	3
232	Men's and boys' furnishings	262.6	3 508.6	2 946.3	307.1	255.2	272.2	3 483.8	2 943.2	295.5	245.1	3	2
2321	Men's and boys' shirts and nightwear	74.8	974.4	811.9	87.6	74.9	80.1	983.1	823.5	82.5	77.1	7	6
2322	Men's and boys' underwear	10.7	155.0	129.5	12.0	13.5	9.6	127.3	107.4	9.3	10.6	11	9
2323	Men's and boys' neckwear	5.9	88.9	79.9	5.1	3.9	5.9	89.3	80.4	5.0	3.9	8	13
2327	Men's and boys' separate trousers	45.6	670.3	558.9	58.5	52.9	49.7	706.1	592.3	58.2	55.6	2	2
2328	Men's and boys' work clothing	82.1	1 041.2	868.9	98.8	73.5	84.7	1 051.8	883.9	99.8	68.1	2	2
2329	Men's and boys' clothing, n.e.c.	43.5	578.8	497.2	45.1	36.5	42.2	526.2	455.7	40.7	29.8	4	6
233	Women's and misses' outerwear	329.9	4 361.2	3 799.2	344.0	218.0	354.7	4 421.6	3 865.3	343.2	213.1	3	3
2331	Women's and misses' blouses	78.2	962.9	835.6	78.6	48.7	82.1	964.4	845.6	75.0	43.8	8	8
2335	Women's and misses' dresses	111.8	1 405.3	1 240.1	105.0	60.2	121.0	1 416.8	1 254.9	103.2	58.7	5	5
2337	Women's and misses' suits and coats	47.6	741.9	641.7	57.7	42.5	52.9	762.7	658.8	60.4	43.5	10	11
2339	Women's and misses' outerwear, n.e.c.	92.3	1 251.1	1 081.8	102.7	66.6	98.7	1 277.7	1 106.0	104.6	67.1	3	3
234	Women's and children's undergarments	73.8	1 006.3	855.7	85.7	64.9	73.3	977.4	828.2	84.2	65.0	4	5
2341	Women's and children's underwear	58.6	779.7	662.3	65.8	51.6	59.4	776.8	658.7	65.5	52.6	5	5
2342	Brassieres and allied garments	15.2	226.6	193.4	19.9	13.3	13.9	200.6	169.5	18.7	12.4	4	6
235	Hats, caps, and millinery	14.1	193.6	185.1	16.8	11.7	14.2	196.9	166.7	17.7	12.5	12	14
2351	Millinery	1.8	24.6	21.1	2.6	0.9	2.2	28.8	24.4	3.1	1.3	12	34
2352	Hats and caps, except millinery	12.3	169.0	144.0	14.2	10.8	12.0	168.1	142.3	14.6	11.2	13	15
236	Children's outerwear	55.3	717.0	614.8	59.8	42.4	59.9	752.2	648.2	60.9	43.1	6	6
2361	Children's dresses and blouses	25.6	332.0	287.2	26.1	18.7	26.7	334.3	291.9	26.3	16.1	13	11
2363	Children's coats and suits	3.1	38.0	33.3	2.8	1.9	3.6	42.1	36.4	3.1	2.6	14	15
2369	Children's outerwear, n.e.c.	26.6	347.0	294.3	30.9	21.8	29.6	375.8	319.9	31.5	24.4	5	6
237	**Fur goods**	**2.2**	**49.9**	**44.4**	**3.4**	**2.1**	**2.5**	**52.2**	**46.4**	**3.8**	**2.0**	15	16
2371	**Fur goods**	**2.2**	**49.9**	**44.4**	**3.4**	**2.1**	**2.5**	**52.2**	**46.4**	**3.8**	**2.0**	15	16

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
23	**Apparel and other textile products**—Con.												
238	Miscellaneous apparel and accessories	39.8	534.6	458.5	41.8	34.3	42.5	549.4	470.8	43.8	34.8	5	6
2381	Fabric dress and work gloves	5.7	56.0	48.3	5.1	2.6	6.6	67.7	58.5	5.8	3.4	4	5
2384	Robes and dressing gowns	8.1	96.6	85.3	6.9	4.4	8.6	94.6	83.5	6.9	4.2	3	4
2385	Waterproof outer garments	8.1	112.5	93.4	9.3	9.8	8.3	115.1	95.6	10.1	9.4	4	5
2386	Leather and sheep lined clothing	1.7	34.4	29.8	3.1	1.5	2.0	35.8	31.0	3.2	1.6	20	25
2387	Apparel belts	8.8	138.9	116.5	10.8	11.6	9.5	143.1	120.5	11.6	11.0	9	11
2389	Apparel and accessories, n.e.c.	7.4	96.2	85.2	6.6	4.4	7.5	93.1	81.7	6.2	5.2	25	29
239	Miscellaneous fabricated textile products	179.3	3 343.1	2 778.9	263.9	300.3	175.0	3 190.0	2 639.3	253.2	297.5	4	3
2391	Curtains and draperies	27.8	376.8	323.5	31.3	22.0	25.6	347.5	300.3	26.2	19.0	21	15
2392	House furnishings, n.e.c.	48.5	760.2	649.6	62.6	47.8	47.5	718.1	612.2	56.2	49.7	7	7
2393	Textile bags	6.9	103.0	86.4	9.3	7.3	7.1	104.2	87.9	9.3	7.0	11	10
2394	Canvas and related products	17.5	305.0	263.0	23.1	18.9	17.2	286.2	247.7	21.4	17.1	11	15
2395	Pleating and stitching	18.6	273.1	229.5	20.8	22.8	17.8	236.4	204.9	17.4	14.1	8	21
2396	Automotive and apparel trimmings	29.0	982.2	765.9	72.3	144.0	28.7	959.5	725.4	78.1	156.0	3	3
2397	Schiffli machine embroideries	5.3	91.5	81.2	6.7	3.6	5.7	100.9	90.4	7.6	2.9	8	8
2399	Fabricated textile products, n.e.c.	25.7	451.3	379.8	37.6	33.9	25.4	437.2	370.5	35.0	31.7	6	6
24	**Lumber and wood products**	**619.5**	**13 081.4**	**10 813.7**	**1 241.1**	**1 020.6**	**612.9**	**12 571.2**	**10 407.4**	**1 143.2**	**1 020.6**	**2**	**2**
241	Logging camps and logging contractors	72.3	1 503.9	1 250.0	149.1	104.8	76.3	1 501.4	1 259.5	135.5	106.4	8	4
2411	Logging camps and logging contractors	72.3	1 503.9	1 250.0	149.1	104.8	76.3	1 501.4	1 259.5	135.5	106.4	8	4
242	Sawmills and planing mills	170.3	3 648.3	2 959.9	361.1	327.3	164.7	3 437.7	2 788.1	324.5	325.1	3	3
2421	Sawmills and planing mills, general	141.1	3 158.9	2 547.3	316.7	294.9	136.3	2 993.5	2 411.6	284.8	297.1	3	4
2426	Hardwood dimension and flooring	27.2	456.3	386.1	40.8	31.4	26.2	410.3	347.7	35.9	26.7	8	11
2429	Special product sawmills, n.e.c.	2.0	31.1	26.5	3.6	1.0	2.2	33.9	28.8	3.8	1.3	23	47
243	Millwork, plywood, and structural members	200.2	4 561.9	3 782.2	419.2	360.5	196.1	4 326.9	3 562.6	390.4	373.9	3	3
2431	Millwork	77.2	1 792.2	1 493.4	163.1	135.7	73.1	1 644.5	1 359.5	149.7	135.3	5	5
2434	Wood kitchen cabinets	53.4	1 063.2	901.7	92.1	69.4	54.5	1 026.9	863.5	85.0	78.4	8	12
2435	Hardwood veneer and plywood	17.0	324.0	268.7	30.8	24.5	17.3	327.8	273.8	28.5	25.5	7	8
2436	Softwood veneer and plywood	35.9	1 041.3	826.1	100.9	114.3	35.7	1 014.8	798.7	99.0	117.1	1	2
2439	Structural wood members, n.e.c.	16.7	341.2	292.3	32.3	16.6	15.5	312.9	267.1	28.2	17.6	11	13
244	Wood containers	31.3	490.0	420.2	43.4	26.4	33.0	514.1	450.3	43.1	20.7	10	13
2441	Nailed wood boxes and shook	5.6	90.5	77.3	7.8	5.4	6.0	92.1	79.1	8.0	5.0	14	16
2448	Wood pallets and skids	20.7	331.1	284.6	30.0	16.5	21.2	340.5	301.8	28.1	10.6	13	17
2449	Wood containers, n.e.c.	5.0	68.4	58.3	5.6	4.5	5.8	81.5	69.4	7.0	5.1	29	33
245	Wood buildings and mobile homes	62.1	1 292.0	1 096.9	125.1	70.0	63.0	1 274.1	1 088.1	116.8	69.2	4	3
2451	Mobile homes	41.8	861.8	735.4	83.5	42.9	44.3	890.7	764.0	81.4	45.3	4	3
2452	Prefabricated wood buildings	20.3	430.2	361.5	41.6	27.1	18.7	383.4	324.1	35.4	23.9	7	5
249	Miscellaneous wood products	83.3	1 585.3	1 310.5	143.2	131.6	79.8	1 517.0	1 258.8	132.9	125.3	5	4
2491	Wood preserving	11.1	220.4	181.1	21.2	18.1	11.1	222.4	184.0	20.2	18.2	10	12
2492	Particleboard	7.9	229.8	187.7	21.9	20.2	6.8	192.4	155.4	18.3	18.7	4	6
2499	Wood products, n.e.c.	64.3	1 135.1	941.7	100.1	93.3	61.9	1 102.2	919.4	94.4	88.4	6	5
25	**Furniture and fixtures**	**466.7**	**9 694.8**	**8 030.4**	**812.9**	**851.5**	**472.3**	**9 320.6**	**7 754.6**	**766.4**	**799.6**	**2**	**2**
251	Household furniture	266.8	4 791.6	4 024.6	410.1	356.9	271.7	4 587.1	3 860.2	388.5	338.4	3	3
2511	Wood household furniture	128.6	2 133.9	1 799.5	184.6	149.8	133.2	2 072.3	1 748.8	181.6	141.9	5	4
2512	Upholstered household furniture	77.9	1 417.7	1 206.2	114.5	97.0	76.0	1 311.3	1 116.9	104.9	89.5	3	3
2514	Metal household furniture	26.9	529.4	438.2	50.0	41.2	27.2	504.4	420.5	41.4	42.5	5	4
2515	Mattresses and bedsprings	20.3	458.7	376.7	40.3	41.7	21.1	445.1	389.7	39.2	36.2	8	7
2517	Wood TV and radio cabinets	6.2	117.9	95.1	10.4	12.4	7.2	123.3	98.9	10.6	13.8	6	7
2519	Household furniture, n.e.c.	6.9	134.0	108.9	10.3	14.8	7.0	130.7	105.4	10.8	14.5	10	13
252	Office furniture	68.5	1 671.6	1 498.7	148.5	224.4	68.3	1 789.0	1 448.6	140.9	201.5	3	2
2521	Wood office furniture	24.6	511.9	426.2	41.0	44.7	23.7	490.4	410.5	38.6	41.3	6	6
2522	Metal office furniture	43.7	1 359.7	1 072.5	107.5	179.7	44.6	1 298.6	1 038.1	102.3	160.2	3	2
253	Public building and related furniture	22.9	482.3	399.7	43.0	39.6	21.2	445.8	369.9	35.4	40.5	8	7
2531	Public building and related furniture	22.9	482.3	399.7	43.0	39.6	21.2	445.8	369.9	35.4	40.5	8	7
254	Partitions and fixtures	68.4	1 639.1	1 362.1	140.4	136.6	67.9	1 580.9	1 318.0	132.3	130.8	6	6
2541	Wood partitions and fixtures	34.0	854.9	721.0	73.8	60.1	35.6	830.5	703.0	68.1	59.4	10	11
2542	Metal partitions and fixtures	32.4	784.2	641.1	66.6	76.5	32.3	750.4	615.0	64.2	71.2	5	5
259	Miscellaneous furniture and fixtures	42.1	910.2	745.3	70.9	94.0	43.2	917.8	759.9	69.3	88.6	4	3
2591	Drapery hardware and blinds and shades	18.2	380.1	296.2	32.5	51.4	18.4	371.7	294.9	30.2	46.6	5	4
2599	Furniture and fixtures, n.e.c.	23.9	530.1	449.1	38.4	42.6	24.8	546.1	465.0	39.1	42.0	5	5
26	**Paper and allied products**	**602.6**	**19 671.5**	**16 112.8**	**1 527.9**	**2 030.8**	**603.9**	**18 788.9**	**15 348.0**	**1 393.3**	**2 049.6**	**1**	**1**
261	Pulp mills	15.3	714.4	593.7	50.4	70.3	16.3	676.6	555.4	47.3	73.9	1	1
2611	Pulp mills	15.3	714.4	593.7	50.4	70.3	16.3	676.6	555.4	47.3	73.9	1	1
262	Paper mills, except building paper	128.8	5 406.5	4 405.0	413.6	587.9	131.8	5 245.3	4 259.4	374.5	611.4	1	1
2621	Paper mills, except building paper	128.8	5 406.5	4 405.0	413.6	587.9	131.8	5 245.3	4 259.4	374.5	611.4	1	1
263	Paperboard mills	51.0	2 065.5	1 713.9	153.1	198.5	53.9	2 028.1	1 668.4	145.2	214.5	1	1
2631	Paperboard mills	51.0	2 065.5	1 713.9	153.1	198.5	53.9	2 028.1	1 668.4	145.2	214.5	1	1
264	Miscellaneous converted paper products	215.3	6 099.1	4 993.1	477.4	628.6	210.9	5 715.0	4 668.8	434.7	611.5	1	1
2641	Paper coating and glazing	43.4	1 407.9	1 148.5	117.5	141.9	41.9	1 296.2	1 059.7	106.5	130.0	3	3
2642	Envelopes	25.2	665.3	545.4	55.1	64.8	24.0	612.6	503.4	48.9	60.3	4	4
2643	Bags, except textile bags	49.9	1 266.9	1 047.4	93.5	126.0	48.4	1 190.7	973.1	87.1	130.5	3	3
2645	Die-cut paper and board	17.9	401.2	328.0	32.6	40.6	16.9	365.0	302.2	28.2	34.6	4	4
2646	Pressed and molded pulp goods	2.9	83.1	67.1	6.7	9.3	2.9	79.3	62.6	7.1	9.6	6	5
2647	Sanitary paper products	37.8	1 384.5	1 123.3	101.0	160.2	38.0	1 297.2	1 045.7	90.8	160.7	1	1
2648	Stationery products	12.7	279.6	229.4	24.0	26.2	12.4	276.8	228.3	23.4	25.1	6	8
2649	Converted paper products, n.e.c.	25.5	610.6	504.0	47.0	59.6	26.4	597.2	493.8	42.7	60.7	4	4

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985 – Con.

[For meaning of abbreviations and symbols see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
			Compensation (million dollars)					Compensation (million dollars)					
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
26	**Paper and allied products** – Con.												
265	Paperboard containers and boxes	189.8	5 310.7	4 345.8	426.8	538.1	187.5	5 017.6	4 106.2	383.9	527.5	2	2
2651	Folding paperboard boxes	44.2	1 263.8	1 036.2	97.5	130.1	43.5	1 182.4	969.9	90.1	122.4	3	3
2652	Set-up paperboard boxes	9.1	154.0	127.5	11.7	14.8	9.2	150.3	126.8	11.4	12.1	18	19
2653	Corrugated and solid fiber boxes	99.2	2 885.7	2 366.9	232.6	286.2	97.9	2 728.1	2 231.8	208.2	288.1	2	2
2654	Sanitary food containers	24.7	675.5	540.1	59.3	76.1	23.4	614.4	492.9	50.0	71.5	2	2
2655	Fiber cans, drums, and similar products	12.6	331.7	275.1	25.7	30.9	13.5	342.4	284.8	24.2	33.4	5	6
266	Building paper and board mills	2.4	75.3	61.3	6.6	7.4	(3.5	(106.3	(87.8	(7.7	(10.8	3	2
2661	Building paper and board mills	2.4	75.3	61.3	6.6	7.4	(3.5	(106.3	(87.8	(7.7	(10.8	3	2
27	**Printing and publishing**	**1 376.2**	**35 228.4**	**29 890.4**	**2 458.4**	**2 881.6**	**1 359.8**	**33 233.1**	**28 169.2**	**2 293.3**	**2 770.6**	**1**	**1**
271	Newspapers	420.0	9 943.4	8 380.5	715.6	847.3	411.0	9 401.0	7 904.7	668.1	828.2	1	1
2711	Newspapers	420.0	9 943.4	8 380.5	715.6	847.3	411.0	9 401.0	7 904.7	668.1	828.2	1	1
272	Periodicals	98.1	3 191.2	2 710.9	196.5	283.8	95.8	3 019.9	2 554.5	199.2	266.2	3	3
2721	Periodicals	98.1	3 191.2	2 710.9	196.5	283.8	95.8	3 019.9	2 554.5	199.2	266.2	3	3
273	Books	115.1	3 194.7	2 706.0	222.1	266.6	114.3	3 033.1	2 558.8	207.6	266.7	3	3
2731	Book publishing	71.6	2 076.4	1 775.6	133.4	167.4	70.9	1 971.1	1 672.1	126.0	173.0	4	4
2732	Book printing	43.5	1 118.3	930.4	88.7	99.2	43.4	1 062.0	886.7	81.6	93.7	4	3
274	Miscellaneous publishing	53.1	1 347.6	1 129.1	91.9	126.6	52.0	1 247.4	1 047.4	84.6	115.4	4	3
2741	Miscellaneous publishing	53.1	1 347.6	1 129.1	91.9	126.6	52.0	1 247.4	1 047.4	84.6	115.4	4	3
275	Commercial printing	494.9	12 466.1	10 674.9	870.9	920.3	491.9	11 748.7	10 056.6	810.9	881.2	2	2
2751	Commercial printing, letterpress	120.1	2 564.2	2 206.3	174.1	183.8	117.9	2 357.6	2 035.5	162.0	160.1	3	3
2752	Commercial printing, lithographic	337.0	8 759.9	7 513.3	611.5	635.1	335.4	8 284.0	7 097.5	569.3	617.2	3	3
2753	Engraving and plate printing	12.1	296.3	253.8	21.1	21.4	11.6	276.8	236.5	19.4	20.9	7	10
2754	Commercial printing, gravure	25.7	845.7	701.5	64.2	80.0	27.0	830.3	687.1	60.2	83.0	2	2
276	Manifold business forms	54.2	1 522.3	1 272.0	109.8	140.5	54.2	1 439.6	1 199.6	102.5	137.5	4	4
2761	Manifold business forms	54.2	1 522.3	1 272.0	109.8	140.5	54.2	1 439.6	1 199.6	102.5	137.5	4	4
277	Greeting card publishing	20.0	500.4	407.4	37.9	55.1	19.9	485.1	397.5	35.5	52.1	6	4
2771	Greeting card publishing	20.0	500.4	407.4	37.9	55.1	19.9	485.1	397.5	35.5	52.1	6	4
278	Blankbooks and bookbinding	61.5	1 395.2	1 166.9	105.5	122.8	61.2	1 273.4	1 074.1	88.2	111.1	9	6
2782	Blankbooks and looseleaf binders	33.0	862.3	708.4	60.2	93.7	33.3	814.1	672.1	56.5	85.5	7	5
2789	Bookbinding and related work	28.5	532.9	458.5	45.3	29.1	27.9	459.3	402.0	31.7	25.6	18	19
279	Printing trade services	59.3	1 667.5	1 442.7	106.2	118.6	59.5	1 584.9	1 376.0	96.7	112.2	6	9
2791	Typesetting	33.6	785.2	686.6	50.1	48.5	34.5	761.5	665.9	48.1	47.5	5	5
2793	Photoengraving												
2794	Electrotyping and stereotyping	3.5	78.1	67.8	4.9	5.4	3.6	78.3	68.2	4.9	5.2	(A)	82
2795	Lithographic platemaking services	22.2	804.2	688.3	51.2	64.7	21.4	745.1	641.9	43.7	59.5	11	16
28	**Chemicals and allied products**	**801.6**	**28 994.0**	**23 710.9**	**2 059.4**	**3 223.7**	**826.2**	**28 674.5**	**23 344.9**	**1 978.3**	**3 351.3**	**1**	**1**
281	Industrial inorganic chemicals	99.4	3 889.2	3 143.0	287.9	458.3	105.0	4 005.6	3 213.6	280.5	511.5	1	1
2812	Alkalies and chlorine	6.7	278.3	218.3	21.6	38.4	8.2	328.8	263.2	23.1	42.5	2	2
2813	Industrial gases	8.6	308.4	248.4	31.1	28.9	8.5	280.7	223.3	26.9	30.5	5	7
2816	Inorganic pigments	9.1	339.7	277.5	25.9	36.3	9.7	338.2	275.2	25.8	37.2	3	3
2819	Industrial inorganic chemicals, n.e.c.	75.0	2 962.8	2 398.8	209.3	354.7	78.6	3 057.9	2 451.9	204.7	401.3	1	1
282	Plastics materials and synthetics	124.3	4 812.0	3 942.3	332.3	537.4	128.2	4 727.4	3 861.7	319.6	546.1	3	3
2821	Plastics materials and resins	54.7	2 336.8	1 893.6	163.1	280.1	55.4	2 264.3	1 818.6	158.5	287.2	6	6
2822	Synthetic rubber	9.6	421.4	336.5	30.6	54.3	9.8	408.7	323.1	26.7	58.9	2	3
2823	Cellulosic manmade fibers	12.0	376.5	314.4	27.0	35.1	12.1	370.1	311.3	26.2	32.6	1	1
2824	Organic fibers, noncellulosic	48.0	1 677.3	1 397.8	111.6	167.9	50.9	1 684.3	1 408.7	106.2	167.4	1	1
283	Drugs	165.9	6 027.2	4 961.5	403.3	662.4	163.7	5 753.3	4 712.6	368.0	672.7	2	2
2831	Biological products	25.9	823.4	683.6	52.0	87.8	25.0	748.9	619.7	49.1	80.1	3	3
2833	Medicinals and botanicals	15.8	590.4	497.6	35.3	57.5	15.7	587.3	497.5	33.8	56.0	2	2
2834	Pharmaceutical preparations	124.2	4 613.4	3 780.3	316.0	517.1	123.0	4 417.1	3 595.4	285.1	536.6	3	2
284	Soaps, cleaners, and toilet goods	121.7	3 829.6	3 128.0	278.9	422.7	123.4	3 567.8	2 901.5	259.4	406.9	2	2
2841	Soap and other detergents	32.3	1 196.7	974.5	87.4	134.8	34.1	1 168.2	946.0	83.2	139.0	6	3
2842	Polishes and sanitation goods	21.1	575.8	478.5	40.7	56.6	20.2	532.7	443.2	38.5	51.0	4	5
2843	Surface active agents	9.5	337.9	286.9	23.1	27.9	9.3	311.9	261.9	20.2	29.8	4	3
2844	Toilet preparations	58.8	1 719.2	1 388.1	127.7	203.4	59.8	1 555.0	1 250.4	117.5	187.1	2	2
285	Paints and allied products	55.8	1 720.5	1 416.3	132.1	172.1	55.5	1 664.5	1 359.5	121.2	183.8	3	3
2851	Paints and allied products	55.8	1 720.5	1 416.3	132.1	172.1	55.5	1 664.5	1 359.5	121.2	183.8	3	3
286	Industrial organic chemicals	111.6	4 787.6	3 896.0	328.1	563.5	123.2	5 033.5	4 087.1	336.6	609.8	1	1
2861	Gum and wood chemicals	2.9	77.7	63.7	5.7	8.3	3.3	79.2	64.9	5.8	8.5	4	3
2865	Cyclic crudes and intermediates	22.0	912.1	735.1	67.9	109.1	23.4	914.2	728.9	66.7	118.6	2	3
2869	Industrial organic chemicals, n.e.c.	86.7	3 797.8	3 097.2	254.5	446.1	96.5	4 040.1	3 293.3	264.1	482.7	1	1
287	Agricultural chemicals	40.9	1 409.4	1 151.9	102.0	155.5	44.9	1 466.4	1 196.5	107.2	162.7	2	2
2873	Nitrogenous fertilizers	6.6	244.1	202.4	18.8	22.9	8.7	314.5	259.5	21.4	33.4	4	5
2874	Phosphatic fertilizers	11.3	397.6	321.9	30.1	45.6	13.0	436.4	350.5	35.3	50.6	2	2
2875	Fertilizers, mixing only	8.2	180.6	150.0	14.4	16.2	8.2	178.3	149.7	14.5	14.1	6	7
2879	Agricultural chemicals, n.e.c.	14.6	587.1	477.6	38.7	70.8	15.0	537.4	436.8	36.0	64.6	2	2
289	Miscellaneous chemical products	82.0	2 518.5	2 071.9	194.8	251.8	82.3	2 456.0	2 012.4	185.8	257.8	2	2
2891	Adhesives and sealants	19.3	543.4	441.8	44.5	57.1	18.4	516.9	420.6	40.3	56.0	5	4
2892	Explosives	13.0	404.1	331.8	33.2	39.1	13.2	402.5	325.4	33.6	43.5	4	4
2893	Printing ink	9.9	331.7	271.7	26.5	33.5	9.5	301.1	250.2	23.9	27.0	5	5
2895	Carbon black	1.8	78.4	63.1	4.8	10.5	1.9	76.9	60.8	4.5	11.6	1	1
2899	Chemical preparations, n.e.c.	38.0	1 160.9	963.5	85.8	111.6	39.3	1 158.6	955.4	83.5	119.7	2	3

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
20	**Petroleum and coal products**	**124.5**	**5 130.9**	**4 214.7**	**370.8**	**545.4**	**127.5**	**5 149.1**	**4 131.8**	**352.6**	**664.7**	**2**	**2**
291	Petroleum refining	84.2	3 797.4	3 131.1	248.0	418.3	85.7	3 852.4	3 073.0	241.7	537.7	1	2
2911	Petroleum refining	84.2	3 797.4	3 131.1	248.0	418.3	85.7	3 852.4	3 073.0	241.7	537.7	1	2
295	Paving and roofing materials	27.8	917.6	744.8	91.6	81.2	29.0	868.1	707.1	80.8	80.2	4	5
2951	Paving mixtures and blocks	14.7	500.5	404.7	55.4	40.4	14.6	459.6	375.4	44.5	39.7	6	7
2952	Asphalt felts and coatings	13.1	417.1	340.1	36.2	40.8	14.4	408.5	331.7	36.3	40.5	4	6
299	Miscellaneous petroleum and coal products	12.5	415.9	338.8	31.2	45.9	12.8	428.6	351.7	30.1	46.8	5	17
2992	Lubricating oils and greases	10.4	346.0	283.0	25.2	37.8	10.9	362.3	298.8	25.2	38.3	6	20
2999	Petroleum and coal products, n.e.c.	2.1	69.9	55.8	6.0	8.1	1.9	66.3	52.9	4.9	8.5	2	4
30	**Rubber and miscellaneous plastics products**	**741.3**	**18 841.8**	**15 273.3**	**1 606.4**	**1 962.1**	**742.5**	**18 196.0**	**14 722.9**	**1 517.4**	**1 955.7**	**2**	**1**
301	Tires and inner tubes	65.2	2 637.8	2 020.4	218.2	399.2	70.3	2 677.6	2 045.8	221.2	410.6	1	1
3011	Tires and inner tubes	65.2	2 637.8	2 020.4	218.2	399.2	70.3	2 677.6	2 045.8	221.2	410.6	1	1
302	Rubber and plastics footwear	9.2	169.0	136.8	18.8	13.4	12.0	199.1	161.1	20.8	17.2	3	3
3021	Rubber and plastics footwear	9.2	169.0	136.8	18.8	13.4	12.0	199.1	161.1	20.8	17.2	3	3
303	Reclaimed rubber	.8	16.8	13.7	1.2	1.9	.9	18.0	14.1	1.4	2.5	7	18
3031	Reclaimed rubber	.8	16.8	13.7	1.2	1.9	.9	18.0	14.1	1.4	2.5	7	18
304	Rubber and plastics hose and belting	23.0	662.6	510.4	55.0	97.2	23.8	673.5	512.7	56.5	104.3	4	4
3041	Rubber and plastics hose and belting	23.0	662.6	510.4	55.0	97.2	23.8	673.5	512.7	56.5	104.3	4	4
306	Fabricated rubber products, n.e.c.	95.7	2 574.3	2 057.0	220.5	296.8	94.3	2 471.7	1 975.1	204.7	291.9	3	2
3069	Fabricated rubber products, n.e.c.	95.7	2 574.3	2 057.0	220.5	296.8	94.3	2 471.7	1 975.1	204.7	291.9	3	2
307	Miscellaneous plastics products	547.4	12 781.3	10 535.0	1 092.7	1 153.6	541.2	12 156.1	10 014.1	1 012.8	1 129.2	2	2
3079	Miscellaneous plastics products	547.4	12 781.3	10 535.0	1 092.7	1 153.6	541.2	12 156.1	10 014.1	1 012.8	1 129.2	2	2
31	**Leather and leather products**	**129.8**	**2 031.2**	**1 690.3**	**182.9**	**158.0**	**146.7**	**2 237.5**	**1 863.2**	**201.0**	**173.3**	**4**	**4**
311	Leather tanning and finishing	13.2	310.5	249.1	29.6	31.8	14.2	322.7	262.5	30.0	30.2	4	5
3111	Leather tanning and finishing	13.2	310.5	249.1	29.6	31.8	14.2	322.7	262.5	30.0	30.2	4	5
313	Boot and shoe cut stock and findings	4.3	66.7	56.3	5.6	4.8	5.4	76.1	64.5	6.1	5.5	10	13
3131	Boot and shoe cut stock and findings	4.3	66.7	56.3	5.6	4.8	5.4	76.1	64.5	6.1	5.5	10	13
314	Footwear, except rubber	75.9	1 114.8	927.2	103.2	84.4	86.1	1 212.3	1 002.8	113.7	95.8	5	5
3142	House slippers	4.7	70.0	57.3	7.3	5.4	5.7	76.1	62.5	7.9	5.7	60	67
3143	Men's footwear, except athletic	31.8	503.7	416.6	45.9	41.2	34.9	530.0	435.9	48.0	46.1	5	4
3144	Women's footwear, except athletic	30.2	407.0	341.9	37.8	27.3	34.3	456.7	378.8	44.3	33.6	4	5
3149	Footwear, except rubber, n.e.c.	9.2	134.1	111.4	12.2	10.5	11.2	149.5	125.6	13.5	10.4	3	3
315	Leather gloves and mittens	3.5	39.5	33.7	3.6	2.2	3.5	37.5	32.3	3.2	2.0	11	15
3151	Leather gloves and mittens	3.5	39.5	33.7	3.6	2.2	3.5	37.5	32.3	3.2	2.0	11	15
316	Luggage	11.4	196.6	165.7	16.1	14.8	13.1	224.3	189.5	18.4	16.4	8	11
3161	Luggage	11.4	196.6	165.7	16.1	14.8	13.1	224.3	189.5	18.4	16.4	8	11
317	Handbags and other personal leather goods	16.0	221.9	188.8	19.0	14.1	18.4	275.5	234.5	23.3	17.7	9	11
3171	Women's handbags and purses	9.2	117.2	100.7	9.4	7.1	10.8	143.7	124.6	12.1	7.0	11	12
3172	Personal leather goods, n.e.c.	6.8	104.7	88.1	9.6	7.0	7.6	131.8	109.9	11.2	10.7	14	19
319	Leather goods, n.e.c.	5.5	81.2	69.5	5.8	5.9	6.0	89.1	77.1	6.3	5.7	12	21
3199	Leather goods, n.e.c.	5.5	81.2	69.5	5.8	5.9	6.0	89.1	77.1	6.3	5.7	12	21
32	**Stone, clay, and glass products**	**514.1**	**14 494.4**	**11 745.2**	**1 256.7**	**1 492.5**	**520.0**	**14 172.4**	**11 481.9**	**1 198.1**	**1 492.4**	**2**	**1**
321	Flat glass	14.9	653.5	493.7	46.3	113.5	15.2	661.6	501.4	49.9	110.3	1	1
3211	Flat glass	14.9	653.5	493.7	46.3	113.5	15.2	661.6	501.4	49.9	110.3	1	1
322	Glass and glassware, pressed or blown	77.8	2 473.0	1 927.0	222.6	323.4	80.1	2 506.3	1 959.4	218.1	328.8	1	1
3221	Glass containers	42.8	1 407.3	1 083.4	132.5	191.4	44.1	1 463.2	1 144.4	129.5	189.3	2	2
3229	Pressed and blown glass, n.e.c.	35.0	1 065.7	843.6	90.1	132.0	36.0	1 043.1	815.0	88.6	139.5	1	1
323	Products of purchased glass	43.7	1 095.8	887.0	90.3	118.5	42.7	1 053.2	843.6	88.3	121.3	4	3
3231	Products of purchased glass	43.7	1 095.8	887.0	90.3	118.5	42.7	1 053.2	843.6	88.3	121.3	4	3
324	Cement, hydraulic	19.7	789.5	622.6	62.5	104.4	21.2	813.2	645.4	60.7	107.1	3	3
3241	Cement, hydraulic	19.7	789.5	622.6	62.5	104.4	21.2	813.2	645.4	60.7	107.1	3	3
325	Structural clay products	37.9	884.7	729.5	78.9	76.3	36.0	827.8	682.5	76.2	69.1	7	7
3251	Brick and structural clay tile	19.1	413.8	348.5	36.5	28.8	18.0	377.1	319.7	35.9	21.5	11	15
3253	Ceramic wall and floor tile	9.6	207.1	175.2	16.4	15.5	8.7	181.0	153.6	14.3	13.1	9	11
3255	Clay refractories	6.9	207.0	160.4	20.1	26.5	7.1	216.9	166.8	20.6	29.5	13	6
3259	Structural clay products, n.e.c.	2.3	56.8	45.4	5.9	5.5	2.2	52.8	42.4	5.4	5.0	6	9
326	Pottery and related products	31.6	784.5	621.3	72.4	90.8	33.2	804.2	642.3	71.0	90.9	4	4
3261	Vitreous plumbing fixtures	9.6	268.5	212.6	27.0	28.9	9.3	245.3	196.1	22.7	26.5	2	1
3262	Vitreous china food utensils	5.6	131.5	102.0	13.2	16.3	6.0	142.6	112.8	14.0	15.8	1	1
3263	Fine earthenware food utensils	.9	13.0	10.6	1.5	.9	1.1	16.8	13.9	1.6	1.3	20	60
3264	Porcelain electrical supplies	9.0	253.5	197.6	19.8	36.1	10.0	280.2	219.3	22.1	38.8	10	9
3269	Pottery products, n.e.c.	6.5	118.0	98.5	10.9	8.6	6.8	119.3	100.2	10.6	8.5	12	16
327	Concrete, gypsum, and plaster products	174.3	4 558.6	3 819.5	413.8	325.3	173.3	4 285.7	3 602.1	375.0	308.6	3	3
3271	Concrete block and brick	16.1	397.4	337.1	35.3	25.0	16.0	365.0	311.0	33.2	20.8	6	9
3272	Concrete products, n.e.c.	59.7	1 415.6	1 181.3	137.6	96.7	57.4	1 321.2	1 109.6	121.9	89.7	5	5
3273	Ready-mixed concrete	81.6	2 228.3	1 874.0	198.4	155.9	83.5	2 118.1	1 785.7	181.3	151.1	4	4
3274	Lime	5.8	171.2	136.5	14.9	19.8	5.8	165.9	133.2	14.0	18.7	8	9
3275	Gypsum products	11.1	346.1	290.6	27.6	27.9	10.6	315.5	262.6	24.6	28.3	4	4
328	Cut stone and stone products	11.2	233.2	198.9	19.6	14.7	11.2	230.0	199.5	19.0	11.5	9	12
3281	Cut stone and stone products	11.2	233.2	198.9	19.6	14.7	11.2	230.0	199.5	19.0	11.5	9	12

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
			Compensation (million dollars)					Compensation (million dollars)					
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
32	**Stone, clay, and glass products**—Con.												
329	Miscellaneous nonmetallic mineral products	103.0	3 021.6	2 445.7	250.3	325.6	107.1	2 990.4	2 405.7	239.9	344.8	3	2
3291	Abrasive products	24.8	746.5	607.6	54.9	84.0	25.5	746.1	604.4	53.1	88.6	5	6
3292	Asbestos products	5.1	155.1	121.8	15.2	18.1	6.8	192.0	152.9	17.8	21.5	4	4
3293	Gaskets, packing, and sealing devices	28.6	708.1	574.9	59.8	73.4	30.3	724.1	576.2	61.6	86.3	5	5
3295	Minerals, ground or treated	8.2	251.3	201.6	22.1	27.6	7.8	229.1	183.5	19.7	25.9	10	10
3296	Mineral wool	21.9	763.6	624.2	64.5	74.9	21.3	716.3	583.1	57.4	75.8	4	2
3297	Nonclay refractories	6.4	209.1	162.7	18.2	28.2	6.3	196.3	152.0	17.1	27.2	6	7
3299	Nonmetallic mineral products, n.e.c.	8.0	187.9	152.9	15.6	19.4	9.1	186.5	153.6	13.4	19.5	15	8
33	**Primary metal industries**	**689.8**	**24 959.7**	**18 881.6**	**2 133.2**	**3 944.9**	**'746.9**	**'26 358.9**	**'19 961.7**	**'2 192.6**	**'4 204.6**	**1**	**1**
331	Blast furnace and basic steel products	249.1	10 787.5	7 726.1	890.8	2 170.6	278.0	11 665.6	8 466.5	949.5	2 249.6	1	1
3312	Blast furnaces and steel mills	192.2	8 925.8	6 281.5	722.6	1 921.7	217.9	9 734.5	6 984.6	779.8	1 970.1	1	1
3313	Electrometallurgical products	3.6	129.8	99.4	14.7	15.7	4.4	157.4	117.3	17.8	22.3	10	6
3315	Steel wire and related products	21.1	625.1	488.7	57.4	79.0	20.9	601.8	470.8	53.8	77.2	6	6
3316	Cold finishing of steel shapes	13.1	504.3	387.0	41.3	76.0	13.8	504.1	383.2	40.4	80.5	4	5
3317	Steel pipe and tubes	19.1	602.5	469.5	54.8	78.2	21.0	667.8	510.6	57.7	99.5	3	3
332	Iron and steel foundries	125.4	4 133.3	3 212.8	385.8	534.7	'136.2	4 377.3	3 375.5	397.8	604.0	2	2
3321	Gray iron foundries	81.1	2 807.5	2 180.4	251.7	375.4	88.6	2 995.9	2 312.9	257.4	425.6	2	3
3322	Malleable iron foundries	6.0	201.8	156.6	18.7	26.5	'6.3	209.9	159.8	19.9	30.2	5	5
3324	Steel investment foundries	18.6	525.2	418.5	47.3	59.4	18.5	500.3	394.9	46.0	59.4	4	3
3325	Steel foundries, n.e.c.	19.7	598.8	457.3	68.1	73.4	22.8	671.2	507.9	74.5	88.8	5	8
333	Primary nonferrous metals	31.9	1 324.6	1 011.0	112.8	200.8	37.5	1 577.0	1 195.1	126.5	255.4	1	1
3331	Primary copper	3.9	151.3	116.7	15.8	18.8	4.6	191.1	149.7	15.4	26.0	1	1
3332	Primary lead	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3333	Primary zinc	1.5	59.4	44.4	5.7	9.3	1.8	68.1	50.6	6.1	11.4	1	1
3334	Primary aluminum	16.9	764.8	570.4	63.9	130.5	19.7	898.7	664.8	72.2	161.7	1	1
3339	Primary nonferrous metals, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
334	Secondary nonferrous metals	14.6	435.1	351.1	37.8	46.2	16.0	459.4	371.4	38.2	49.8	4	3
3341	Secondary nonferrous metals	14.6	435.1	351.1	37.8	46.2	16.0	459.4	371.4	38.2	49.8	4	3
335	Nonferrous rolling and drawing	155.3	5 112.2	4 021.2	423.0	668.0	163.7	5 190.8	4 058.0	411.6	721.2	2	1
3351	Copper rolling and drawing	21.2	669.7	525.1	60.7	83.9	22.4	663.2	517.8	57.6	87.8	5	4
3353	Aluminum sheet, plate, and foil	26.7	1 176.9	910.7	84.6	181.4	26.9	1 213.2	926.6	81.8	204.8	1	1
3354	Aluminum extruded products	26.4	834.2	658.4	69.3	106.5	29.1	816.2	639.0	68.8	108.4	4	4
3355	Aluminum rolling and drawing, n.e.c.	1.7	69.2	51.5	5.1	12.6	2.0	73.0	55.0	5.3	12.7	1	1
3356	Nonferrous rolling and drawing, n.e.c.	18.3	666.3	523.0	54.0	89.3	18.9	651.5	508.2	53.4	89.9	2	2
3357	Nonferrous wire drawing and insulating	59.0	1 695.9	1 352.5	149.1	194.3	64.4	1 773.7	1 411.4	144.7	217.6	2	3
336	Nonferrous foundries	80.1	2 220.2	1 781.1	201.0	238.1	82.6	2 196.3	1 764.7	195.7	235.9	3	3
3361	Aluminum foundries	53.2	1 514.3	1 216.0	129.8	168.5	55.8	1 527.2	1 231.4	130.5	165.3	3	4
3362	Brass, bronze, and copper foundries	11.4	286.5	226.8	30.5	29.2	11.5	286.5	229.7	28.4	28.4	9	10
3369	Nonferrous foundries, n.e.c.	15.5	419.4	338.3	40.7	40.4	15.3	382.6	303.6	36.8	42.2	9	9
339	Miscellaneous primary metal products	33.4	946.8	778.3	82.0	86.5	'32.9	'892.5	'730.5	'73.3	'88.7	6	7
3398	Metal heat treating	18.6	496.6	411.9	46.2	38.5	18.4	'463.0	'382.9	'40.8	'39.3	6	6
3399	Primary metal products, n.e.c.	14.8	450.2	366.4	35.8	48.0	'14.5	'429.5	'347.6	'32.5	'49.4	9	11
34	**Fabricated metal products**	**1 419.5**	**40 875.8**	**33 115.8**	**3 367.1**	**4 393.9**	**1 472.8**	**40 949.8**	**33 150.0**	**3 307.6**	**4 492.2**	**1**	**1**
341	Metal cans and shipping containers	49.1	1 967.3	1 539.7	160.5	267.1	52.0	1 991.6	1 576.2	156.0	259.4	2	2
3411	Metal cans	41.8	1 756.0	1 370.0	143.1	242.9	44.2	1 774.0	1 399.1	139.5	235.4	1	1
3412	Metal barrels, drums, and pails	7.3	211.3	169.7	17.4	24.2	7.8	217.6	177.1	16.5	24.0	8	9
342	Cutlery, hand tools, and hardware	143.6	4 032.7	3 267.9	332.2	432.6	145.6	4 062.0	3 266.0	325.1	470.9	3	2
3421	Cutlery	11.7	310.4	251.2	24.2	35.0	11.8	292.9	239.9	22.2	30.8	4	4
3423	Hand and edge tools, n.e.c.	40.3	1 023.3	839.7	82.1	101.5	40.6	996.6	810.7	78.6	107.3	6	5
3425	Hand saws and saw blades	9.3	258.5	215.6	19.8	23.1	8.5	221.6	183.0	17.7	20.9	22	15
3429	Hardware, n.e.c.	82.3	2 440.5	1 961.4	206.1	273.0	84.7	2 550.9	2 032.4	206.6	311.9	3	3
343	Plumbing and heating, except electric	45.9	1 221.7	985.5	110.7	125.5	48.0	1 206.5	976.7	105.9	123.9	3	4
3431	Metal sanitary ware	7.6	237.8	188.9	23.3	25.6	8.0	225.3	178.0	19.9	27.4	4	5
3432	Plumbing fittings and brass goods	15.9	403.4	320.2	35.6	47.6	16.0	384.4	308.3	33.6	42.5	3	3
3433	Heating equipment, except electric	22.4	580.5	476.4	51.8	52.3	24.0	596.8	490.4	52.4	54.0	6	7
344	Fabricated structural metal products	377.8	9 916.5	8 179.3	862.2	875.0	391.1	9 965.5	8 182.7	841.1	941.7	2	2
3441	Fabricated structural metal	84.6	2 315.5	1 904.6	215.5	195.4	90.6	2 365.6	1 949.5	216.3	199.7	3	4
3442	Metal doors, sash, and trim	73.4	1 665.7	1 377.6	147.7	140.4	71.2	1 528.5	1 268.0	129.4	131.1	4	4
3443	Fabricated plate work (boiler shops)	71.2	2 088.6	1 723.1	172.4	193.1	79.0	2 294.5	1 854.8	187.0	252.7	3	3
3444	Sheet metal work	79.9	2 091.1	1 728.0	175.8	187.3	81.3	2 069.3	1 703.4	165.4	200.5	3	3
3446	Architectural metal work	25.3	621.9	505.6	54.7	61.6	24.4	579.2	473.1	49.8	56.3	6	7
3448	Prefabricated metal buildings	22.7	582.8	484.8	48.4	49.6	22.8	556.1	459.6	46.1	50.4	6	7
3449	Miscellaneous metal work	20.7	550.9	455.6	47.7	47.6	21.8	572.3	474.2	47.1	51.0	5	6
345	Screw machine products, bolts, etc.	93.2	2 570.7	2 105.2	211.8	253.7	97.2	2 566.5	2 099.6	208.3	258.6	3	3
3451	Screw machine products	43.5	1 084.2	908.2	87.0	89.0	44.4	1 067.0	892.8	85.2	89.0	5	5
3452	Bolts, nuts, rivets, and washers	49.7	1 486.5	1 197.0	124.8	164.7	52.8	1 499.5	1 206.8	123.1	169.6	4	4
346	Metal forgings and stampings	254.5	9 029.6	7 092.7	719.4	1 217.5	268.8	9 065.7	7 148.4	721.7	1 195.6	2	3
3462	Iron and steel forgings	25.2	883.6	675.6	78.9	129.1	27.5	953.0	728.9	85.2	138.9	4	5
3463	Nonferrous forgings	7.9	320.8	247.2	28.3	45.3	8.3	319.6	245.5	25.9	48.2	3	5
3465	Automotive stampings	119.1	5 088.6	3 942.7	379.8	766.1	119.2	4 893.2	3 795.5	375.8	721.9	2	2
3466	Crowns and closures	6.4	209.3	159.6	18.8	30.9	6.7	211.4	161.6	18.5	31.3	5	5
3469	Metal stampings, n.e.c.	95.9	2 527.3	2 067.6	213.6	246.1	107.1	2 688.5	2 216.9	216.3	255.3	3	3
347	Metal services, n.e.c.	108.5	2 383.1	2 003.3	201.2	178.6	112.3	2 381.6	1 996.5	198.7	186.4	4	4
3471	Plating and polishing	65.8	1 394.8	1 179.1	122.6	93.1	69.0	1 401.5	1 182.3	122.7	96.5	4	4
3479	Metal coating and allied services	42.7	988.3	824.2	78.6	85.5	43.3	980.1	814.2	76.0	89.9	7	7
348	Ordnance and accessories, n.e.c.	82.4	2 760.6	2 220.4	202.2	338.0	82.4	2 658.1	2 139.0	189.4	329.7	2	2
3482	Small arms ammunition	'8.4	278.9	222.7	23.0	33.2	9.6	311.8	252.4	23.8	35.6	12	18
3483	Ammunition, except for small arms, n.e.c.	34.8	1 058.2	849.3	83.2	125.7	31.7	938.4	749.8	73.6	115.0	1	1
3484	Small arms	12.3	382.0	308.9	27.2	45.9	13.8	403.1	325.4	29.3	48.4	3	2
3489	Ordnance and accessories, n.e.c.	26.9	1 041.5	839.5	68.8	133.2	27.3	1 004.8	811.4	62.7	130.7	2	2

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
34	**Fabricated metal products**—Con.												
349	Miscellaneous fabricated metal products	264.5	6 994.6	5 721.6	566.9	705.9	275.4	7 052.3	5 764.9	561.4	726.0	2	2
3493	Steel springs, except wire	4.7	138.8	109.5	11.3	18.0	5.2	144.0	112.4	11.8	19.8	7	10
3494	Valves and pipe fittings	99.2	2 934.8	2 375.7	232.7	326.4	104.5	3 008.4	2 431.6	233.2	343.6	2	2
3495	Wire springs	21.0	530.0	438.5	41.7	49.8	21.9	527.5	438.1	39.4	50.0	10	7
3496	Miscellaneous fabricated wire products	37.2	815.5	678.6	69.9	67.0	37.4	805.9	671.2	65.0	69.7	4	4
3497	Metal foil and leaf	10.1	340.9	270.8	25.7	44.4	11.3	359.6	286.5	27.6	45.5	2	2
3498	Fabricated pipe and fittings	20.9	572.9	473.8	48.7	50.4	25.1	665.0	547.3	58.3	59.4	10	7
3499	Fabricated metal products, n.e.c.	71.4	1 661.7	1 374.9	136.9	149.9	70.0	1 541.9	1 277.8	126.1	138.0	4	4
35	**Machinery, except electrical**	**1 863.0**	**60 613.0**	**49 645.2**	**4 633.6**	**6 334.2**	**1 991.1**	**62 195.9**	**50 904.6**	**4 636.0**	**6 655.3**	**1**	**1**
351	Engines and turbines	90.2	3 675.3	2 924.8	283.2	467.3	98.9	3 961.0	3 123.0	292.6	545.4	1	2
3511	Turbines and turbine generator sets	24.7	1 102.1	870.2	75.7	156.2	26.6	1 163.1	921.3	74.0	167.8	3	2
3519	Internal combustion engines, n.e.c.	65.5	2 573.2	2 054.6	207.5	311.1	72.3	2 797.9	2 201.7	218.6	377.6	1	2
352	Farm and garden machinery	78.6	2 298.6	1 814.1	189.3	295.2	89.4	2 631.7	2 048.8	208.3	374.6	2	2
3523	Farm machinery and equipment	57.1	1 765.7	1 384.2	143.8	237.7	67.1	2 105.1	1 631.4	163.5	310.2	2	3
3524	Lawn and garden equipment	21.5	532.9	429.9	45.5	57.5	22.3	526.6	417.4	44.8	64.4	2	2
353	Construction and related machinery	209.3	6 919.5	5 535.4	583.2	800.9	229.2	7 451.9	5 977.2	622.3	852.4	2	2
3531	Construction machinery	87.9	3 195.2	2 503.5	268.2	423.5	91.4	3 240.8	2 539.9	272.4	428.5	3	3
3532	Mining machinery	14.7	472.0	374.8	38.3	58.9	16.1	496.9	394.2	40.6	62.1	3	4
3533	Oil field machinery	32.6	1 067.6	877.9	91.6	98.1	46.8	1 572.5	1 295.1	128.7	148.7	3	4
3534	Elevators and moving stairways	11.7	351.9	286.4	27.9	37.6	12.0	355.2	286.0	30.6	38.6	4	5
3535	Conveyors and conveying equipment	32.7	1 020.1	836.0	89.5	94.6	32.4	952.8	786.0	80.8	86.0	4	4
3536	Hoists, cranes, and monorails	9.8	267.9	217.3	22.7	27.9	10.0	267.0	216.2	23.2	27.6	9	8
3537	Industrial trucks and tractors	19.9	544.8	439.5	45.0	60.3	20.5	566.7	459.8	46.0	60.9	5	4
354	Metalworking machinery	252.5	7 975.2	6 624.3	604.4	746.5	264.4	7 961.3	6 603.3	603.4	754.6	2	2
3541	Machine tools, metal cutting types	38.6	1 331.3	1 088.8	100.5	142.0	42.8	1 386.8	1 127.6	105.6	153.6	3	3
3542	Machine tools, metal forming types	16.6	547.3	440.5	42.9	63.9	17.7	572.9	461.6	45.9	65.4	4	5
3544	Special dies, tools, jigs, and fixtures	108.9	3 514.2	3 000.1	254.3	259.8	110.6	3 398.3	2 904.4	245.9	248.0	3	3
3545	Machine tool accessories	47.0	1 373.8	1 113.0	109.7	151.1	49.4	1 358.1	1 099.5	107.5	151.1	4	5
3546	Power driven hand tools	17.9	484.0	383.8	38.9	61.3	19.2	506.8	398.4	40.1	68.3	2	2
3547	Rolling mill machinery	3.5	127.5	101.1	11.5	14.9	3.9	134.7	106.7	12.4	15.6	5	6
3549	Metalworking machinery, n.e.c.	20.0	597.1	497.0	46.6	53.5	20.8	603.7	505.1	46.0	52.6	5	5
355	Special industry machinery	157.8	5 046.7	4 140.3	394.8	511.1	166.1	5 046.9	4 127.3	380.6	539.0	2	2
3551	Food products machinery	24.2	783.8	643.4	61.2	79.2	26.1	782.3	641.7	59.1	81.5	5	5
3552	Textile machinery	15.6	402.5	331.7	31.6	39.2	16.2	382.9	316.9	28.3	37.7	8	8
3553	Woodworking machinery	7.9	211.3	172.9	19.2	19.2	7.7	193.0	157.8	18.8	16.4	15	12
3554	Paper industries machinery	15.4	550.6	448.9	42.3	59.4	15.6	550.4	442.6	42.5	65.3	3	6
3555	Printing trades machinery	26.7	905.5	747.3	66.6	91.6	27.4	895.5	739.3	65.5	90.7	4	4
3559	Special industry machinery, n.e.c.	67.8	2 193.0	1 796.6	173.9	222.5	73.1	2 242.8	1 829.0	166.4	247.4	3	3
356	General industrial machinery	258.3	8 126.2	6 533.5	653.0	939.7	269.4	8 098.6	6 505.0	633.5	956.1	2	2
3561	Pumps and pumping equipment	52.8	1 743.1	1 391.3	142.5	209.3	55.7	1 740.0	1 401.2	134.6	204.2	2	3
3562	Ball and roller bearings	38.4	1 228.2	961.2	93.4	173.6	39.6	1 240.7	969.6	91.4	179.7	2	2
3563	Air and gas compressors	23.3	811.8	640.1	70.4	101.3	26.8	861.1	681.3	71.4	108.4	3	3
3564	Blowers and fans	26.3	706.9	575.6	56.8	74.5	26.2	660.3	538.0	54.0	68.3	4	5
3565	Industrial patterns	6.9	222.2	191.7	16.6	13.9	7.1	221.3	188.1	18.8	14.4	22	32
3566	Speed changers, drives, and gears	17.4	590.8	474.3	46.4	70.1	18.6	593.7	478.1	46.7	68.9	6	6
3567	Industrial furnaces and ovens	15.4	445.2	357.7	39.9	47.6	15.2	407.8	327.1	33.3	47.4	7	7
3568	Power transmission equipment, n.e.c.	22.4	753.3	599.2	63.7	90.4	23.7	777.2	611.6	64.9	100.7	6	5
3569	General industrial machinery, n.e.c.	55.4	1 624.7	1 342.4	123.3	159.0	56.5	1 596.5	1 314.0	118.4	164.1	3	4
357	Office and computing machines	362.9	13 671.8	11 414.4	927.1	1 330.3	406.7	14 469.9	12 090.7	928.1	1 451.1	2	2
3573	Electronic computing equipment	315.0	12 037.6	10 050.7	810.9	1 176.0	355.5	12 778.7	10 668.9	815.1	1 294.7	2	2
3574	Calculating and accounting machines	5.1	237.4	199.7	17.5	20.2	5.5	228.5	195.5	14.0	19.0	16	17
3576	Scales and balances, except laboratory	6.9	179.0	145.7	13.9	19.4	6.9	164.4	134.4	12.6	17.4	10	14
3579	Office machines, n.e.c., and typewriters	35.9	1 217.8	1 018.3	84.8	114.7	38.8	1 298.3	1 091.9	86.4	120.0	1	1
358	Refrigeration and service machinery	180.4	5 449.1	4 380.5	439.3	629.3	182.8	5 301.7	4 238.2	426.2	637.3	2	2
3581	Automatic merchandising machines	8.0	214.5	176.6	16.4	21.5	8.1	199.5	163.4	15.8	20.3	11	6
3582	Commercial laundry equipment	4.5	120.6	100.2	10.1	10.3	4.5	113.2	92.9	10.3	10.0	12	11
3585	Refrigeration and heating equipment	128.9	4 003.9	3 194.5	321.7	487.7	130.4	3 918.1	3 102.3	315.2	500.6	2	2
3586	Measuring and dispensing pumps	7.3	215.2	172.8	17.1	25.3	8.2	230.8	185.1	18.4	27.3	3	2
3589	Service industry machinery, n.e.c.	31.7	894.9	736.4	74.0	84.5	31.6	840.1	694.5	66.5	79.1	3	3
359	Miscellaneous machinery, except electrical	273.0	7 450.6	6 277.4	559.3	613.9	284.2	7 272.9	6 187.1	541.0	544.8	3	3
3592	Carburetors, pistons, rings, valves	28.8	1 067.8	838.4	80.1	149.3	31.6	1 107.8	870.9	83.1	153.8	2	1
3599	Machinery, except electrical, n.e.c.	244.2	6 382.8	5 439.0	479.2	464.6	252.6	6 165.1	5 316.2	457.9	391.0	3	4
36	**Electric and electronic equipment**	**1 941.4**	**60 502.3**	**49 213.6**	**4 342.4**	**6 946.3**	**2 007.1**	**59 654.4**	**48 504.0**	**4 230.1**	**6 920.3**	**1**	**1**
361	Electric distributing equipment	89.9	2 552.2	2 019.2	199.5	333.5	93.4	2 548.4	2 025.8	198.7	324.1	2	2
3612	Transformers	34.3	940.2	746.7	70.3	123.2	35.3	949.8	752.1	70.5	127.2	2	2
3613	Switchgear and switchboard apparatus	55.6	1 612.0	1 272.5	129.2	210.3	58.1	1 598.6	1 273.5	128.2	196.9	3	3
362	Electrical industrial apparatus	170.9	4 969.7	4 022.3	391.1	556.3	178.9	5 038.6	4 054.9	396.5	587.2	2	2
3621	Motors and generators	75.6	2 090.7	1 681.7	172.5	236.5	77.6	2 078.5	1 648.9	178.7	250.9	2	2
3622	Industrial controls	55.9	1 662.6	1 347.1	126.2	189.3	58.5	1 712.0	1 387.8	120.8	203.4	4	4
3623	Welding apparatus, electric	14.1	478.5	398.0	37.0	43.5	14.9	473.7	395.1	39.2	39.4	3	3
3624	Carbon and graphite products	9.3	307.5	240.3	25.1	42.1	10.2	332.0	260.8	26.7	44.5	7	6
3629	Electrical industrial apparatus, n.e.c.	16.0	430.4	355.2	30.3	44.9	17.7	442.4	362.3	31.1	49.0	8	9
363	Household appliances	122.5	3 361.9	2 673.5	274.9	413.5	124.4	3 249.6	2 579.2	263.6	406.8	1	1
3631	Household cooking equipment	22.2	584.7	461.9	46.1	76.7	24.2	625.3	492.4	48.8	84.1	1	1
3632	Household refrigerators and freezers	23.9	757.0	594.7	60.4	101.9	22.3	657.4	514.5	53.5	89.4	1	1
3633	Household laundry equipment	17.4	567.3	452.3	42.9	72.1	17.2	523.6	415.5	40.3	67.8	1	1
3634	Electric housewares and fans	28.6	616.6	502.2	54.8	59.6	30.7	643.8	524.3	55.3	64.2	3	3
3635	Household vacuum cleaners	11.5	302.4	242.4	27.8	32.2	11.2	292.5	236.4	24.2	31.9	3	4
3636	Sewing machines	2.2	56.3	46.5	4.1	5.7	2.8	73.0	59.0	5.7	8.3	6	7
3639	Household appliances, n.e.c.	16.7	477.6	373.5	38.8	65.3	16.0	434.0	337.1	35.8	61.1	1	1

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
36	**Electric and electronic equipment**—Con.												
364	Electric lighting and wiring equipment	161.3	4 295.3	3 474.1	337.1	484.1	164.2	4 178.5	3 381.8	325.6	471.1	2	2
3641	Electric lamps	20.1	588.0	455.1	44.3	88.6	21.8	634.0	492.6	48.2	93.2	4	4
3643	Current-carrying wiring devices	48.3	1 158.3	941.3	89.9	127.1	49.8	1 138.3	920.3	91.1	126.9	3	4
3644	Noncurrent-carrying wiring devices	23.4	688.6	557.7	56.9	74.0	23.6	665.7	541.2	54.0	70.5	3	3
3645	Residential lighting fixtures	20.5	423.4	353.7	36.5	33.2	21.5	415.0	349.6	36.0	29.4	6	6
3646	Commercial lighting fixtures	22.5	558.2	456.7	48.9	52.6	21.1	495.2	411.6	38.3	45.3	5	7
3647	Vehicular lighting equipment	13.3	543.7	439.0	34.8	69.9	12.8	434.1	393.8	32.2	68.1	6	4
3648	Lighting equipment, n.e.c.	13.2	335.1	270.6	25.8	38.7	13.6	336.2	272.7	25.8	37.7	9	7
365	Radio and TV receiving equipment	58.5	1 726.6	1 367.9	118.5	240.2	59.1	1 649.1	1 316.3	118.2	214.6	2	2
3651	Radio and TV receiving sets	44.9	1 359.4	1 067.9	90.2	201.3	45.1	1 305.8	1 033.2	91.6	181.0	2	2
3652	Phonograph records and prerecorded tape	13.6	367.2	300.0	28.3	38.9	14.0	343.3	283.1	26.6	33.6	5	5
366	Communication equipment	666.1	24 139.9	19 699.1	1 626.8	2 814.0	672.0	23 471.0	19 189.7	1 537.3	2 744.0	1	1
3661	Telephone and telegraph apparatus	110.9	3 801.6	3 019.2	271.0	511.4	130.5	4 449.3	3 524.9	303.2	621.2	1	1
3662	Radio and TV communication equipment	555.2	20 338.3	16 679.9	1 355.8	2 302.6	541.5	19 021.7	15 664.8	1 234.1	2 122.8	1	1
367	Electronic components and accessories	516.8	14 914.1	12 306.1	1 071.5	1 536.5	558.1	14 990.7	12 351.8	1 061.1	1 577.8	1	1
3671	Electron tubes, all types	27.4	903.1	722.1	68.0	113.0	28.6	887.2	718.8	65.5	102.9	3	2
3674	Semiconductors and related devices	172.9	6 000.4	4 967.1	415.6	617.7	190.4	6 096.1	5 016.3	418.1	661.7	1	1
3675	Electronic capacitors	22.1	488.8	380.0	38.2	70.6	26.5	533.6	417.9	41.4	74.3	2	2
3676	Electronic resistors	17.2	369.7	297.2	29.6	42.9	17.3	369.5	297.2	29.0	43.3	8	7
3677	Electronic coils and transformers	20.9	361.4	300.4	28.5	32.5	24.0	400.4	334.5	30.0	35.9	8	14
3678	Electronic connectors	38.6	1 072.0	872.1	80.4	119.5	39.2	1 003.5	818.3	76.2	109.0	3	3
3679	Electronic components, n.e.c.	217.7	5 718.7	4 767.2	411.2	540.3	232.1	5 700.4	4 748.8	400.9	550.7	2	2
369	Miscellaneous electrical equipment	155.4	4 542.6	3 651.4	323.0	568.2	157.0	4 528.5	3 604.7	329.1	594.7	2	1
3691	Storage batteries	23.2	749.2	594.6	64.1	90.5	23.5	714.9	567.2	60.7	87.0	2	2
3692	Primary batteries, dry and wet	11.0	271.8	218.3	21.1	32.4	11.4	263.5	210.7	19.7	33.1	4	2
3693	X-ray and electromedical apparatus	43.3	1 390.1	1 164.6	91.4	134.1	46.3	1 458.4	1 222.0	96.9	139.5	3	3
3694	Engine electrical equipment	53.2	1 615.7	1 248.8	106.4	260.5	52.9	1 635.7	1 224.7	117.2	293.8	2	2
3699	Electrical equipment and supplies, n.e.c.	24.7	515.8	425.1	40.0	50.7	22.9	456.0	380.1	34.6	41.3	6	6
37	**Transportation equipment**	1 769.5	71 559.5	56 707.6	5 386.8	9 465.1	1 757.0	69 633.3	54 591.8	5 273.7	9 767.8	1	1
371	Motor vehicles and equipment	725.9	30 145.1	23 233.5	2 361.4	4 550.2	751.5	30 754.1	23 718.5	2 410.1	4 625.5	1	1
3711	Motor vehicles and car bodies	280.5	13 588.0	10 261.7	1 054.6	2 271.7	295.8	13 970.4	10 670.3	1 107.2	2 192.9	1	1
3713	Truck and bus bodies	33.2	860.9	709.7	70.6	80.6	31.7	782.4	642.3	63.6	76.5	5	5
3714	Motor vehicle parts and accessories	376.6	14 810.5	11 537.3	1 149.1	2 124.1	385.4	15 079.1	11 649.6	1 153.2	2 276.3	1	1
3715	Truck trailers	23.6	610.0	492.4	61.9	55.7	26.4	653.7	533.1	63.0	57.6	7	13
3716	Motor homes produced on purchased chassis	12.0	275.7	232.4	25.2	18.1	12.2	268.5	223.2	23.1	22.2	8	8
372	Aircraft and parts	570.6	23 954.3	19 344.4	1 652.0	2 957.9	528.2	21 766.9	17 166.9	1 537.4	3 062.6	1	1
3721	Aircraft	256.7	10 964.4	8 983.9	743.4	1 237.1	241.8	10 190.4	8 006.8	735.8	1 447.8	1	1
3724	Aircraft engines and engine parts	127.5	5 512.3	4 388.2	373.4	750.7	118.6	5 073.1	3 984.2	353.1	735.8	1	1
3728	Aircraft equipment, n.e.c.	186.4	7 477.6	5 972.3	535.2	970.1	167.8	6 503.4	5 175.9	448.5	879.0	2	1
373	Ship and boat building and repairing	168.7	5 045.3	4 073.7	544.2	427.4	175.4	5 098.0	4 102.7	529.8	465.5	1	1
3731	Ship building and repairing	120.6	3 997.4	3 181.3	452.5	363.6	130.3	4 172.8	3 315.9	446.6	410.3	1	1
3732	Boat building and repairing	48.1	1 047.9	892.4	91.7	63.8	45.1	925.2	786.8	83.2	55.2	3	4
374	Railroad equipment	24.0	950.9	687.4	79.8	183.9	27.6	1 052.2	762.2	84.8	205.2	3	2
3743	Railroad equipment	24.0	950.9	687.4	79.8	183.9	27.6	1 052.2	762.2	84.8	205.2	3	2
375	Motorcycles, bicycles, and parts	7.9	211.3	169.4	19.3	22.6	9.2	211.1	168.7	19.5	22.9	4	5
3751	Motorcycles, bicycles, and parts	7.9	211.3	169.4	19.3	22.6	9.2	211.1	168.7	19.5	22.9	4	5
376	Guided missiles, space vehicles, parts	227.7	9 968.1	8 154.2	629.7	1 184.2	217.8	9 495.0	7 649.3	590.9	1 254.8	1	1
3761	Guided missiles and space vehicles	174.2	7 680.3	6 301.1	479.6	899.6	154.3	6 766.6	5 473.3	412.2	881.1	1	1
3764	Space propulsion units and parts	31.4	1 313.4	1 089.6	87.0	136.8	29.8	1 268.9	1 034.2	82.4	152.3	1	1
3769	Space vehicle equipment, n.e.c.	22.1	974.4	763.5	63.1	147.8	33.7	1 459.5	1 141.8	96.3	221.4	1	1
379	Miscellaneous transportation equipment	44.7	1 284.5	1 045.0	100.6	138.9	47.3	1 256.0	1 023.5	101.2	131.3	2	2
3792	Travel trailers and campers	14.2	300.7	257.7	27.2	15.8	13.5	265.1	229.2	25.0	10.9	4	4
3795	Tanks and tank components	17.8	702.9	548.1	50.2	104.6	21.2	738.3	578.8	55.8	103.7	1	1
3799	Transportation equipment, n.e.c.	12.7	280.9	239.2	23.2	18.5	12.6	252.6	215.5	20.4	16.7	8	7
38	**Instruments and related products**	585.4	17 938.7	14 818.2	1 304.3	1 816.2	604.3	17 878.8	14 868.4	1 265.1	1 747.3	1	2
381	Engineering and scientific instruments	45.7	1 359.5	1 117.0	100.6	141.9	46.7	1 307.6	1 074.1	98.7	134.8	8	8
3811	Engineering and scientific instruments	45.7	1 359.5	1 117.0	100.6	141.9	46.7	1 307.6	1 074.1	98.7	134.8	8	8
382	Measuring and controlling devices	207.2	6 495.6	5 365.3	486.3	644.0	217.1	6 371.9	5 264.6	470.7	636.6	2	2
3822	Environmental controls	25.8	718.0	575.6	60.0	82.4	27.1	729.6	580.9	59.8	88.9	3	2
3823	Process control instruments	52.2	1 649.1	1 350.8	126.6	171.7	55.3	1 685.2	1 383.4	123.9	177.9	3	3
3824	Fluid meters and counting devices	10.4	296.2	237.3	23.0	35.9	10.4	290.7	236.6	22.4	31.7	11	24
3825	Instruments to measure electricity	86.2	2 811.6	2 356.1	197.1	258.4	92.4	2 738.4	2 293.6	195.8	249.0	2	2
3829	Measuring and controlling devices, n.e.c.	32.6	1 020.7	845.5	79.6	95.6	31.9	928.0	770.1	68.8	89.1	4	4
383	Optical instruments and lenses	49.8	1 681.7	1 383.2	118.2	180.3	53.2	1 620.1	1 336.5	113.3	170.3	3	3
3832	Optical instruments and lenses	49.8	1 681.7	1 383.2	118.2	180.3	53.2	1 620.1	1 336.5	113.3	170.3	3	3
384	Medical instruments and supplies	154.8	4 213.3	3 445.2	302.9	465.2	152.1	3 894.3	3 216.0	277.1	399.2	3	2
3841	Surgical and medical instruments	62.6	1 717.0	1 366.2	119.4	211.4	61.4	1 565.8	1 290.7	109.3	165.8	5	4
3842	Surgical appliances and supplies	77.7	2 091.9	1 722.7	154.2	215.0	76.3	1 943.6	1 606.6	139.5	197.5	3	3
3843	Dental equipment and supplies	14.5	404.4	356.3	29.3	38.8	14.4	384.9	320.7	28.3	35.9	5	5
385	Ophthalmic goods	21.7	501.7	414.6	37.0	50.1	24.9	526.2	434.0	39.5	52.7	5	4
3851	Ophthalmic goods	21.7	501.7	414.6	37.0	50.1	24.9	526.2	434.0	39.5	52.7	5	4
386	Photographic equipment and supplies	94.6	3 412.5	2 870.2	236.2	306.1	98.5	3 701.3	3 128.8	245.4	327.1	2	2
3861	Photographic equipment and supplies	94.6	3 412.5	2 870.2	236.2	306.1	98.5	3 701.3	3 128.8	245.4	327.1	2	2
387	Watches, clocks, and watchcases	11.6	274.4	222.7	23.1	28.6	11.8	257.4	210.4	20.4	26.6	3	3
3873	Watches, clocks, and watchcases	11.6	274.4	222.7	23.1	28.6	11.8	257.4	210.4	20.4	26.6	3	3

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
			Compensation (million dollars)					Compensation (million dollars)					
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
		A	B	C	D	E	F	G	H	I	J	D	E
39	**Miscellaneous manufacturing industries**	**326.1**	**7 013.0**	**5 892.3**	**589.0**	**531.7**	**328.0**	**6 834.9**	**5 725.7**	**555.0**	**554.2**	**2**	**2**
391	Jewelry, silverware, and plated ware	45.7	956.8	812.1	74.4	70.3	47.1	956.0	812.7	70.5	72.8	5	6
3911	Jewelry, precious metal	32.6	659.2	564.9	49.9	44.4	33.7	673.6	579.7	47.7	46.2	6	6
3914	Silverware and plated ware	5.7	149.4	120.7	13.0	15.7	6.6	158.7	126.8	13.4	18.5	10	15
3915	Jewelers' materials and lapidary work	7.4	148.2	126.5	11.5	10.2	6.8	123.7	106.2	9.4	8.1	18	19
393	Musical instruments	12.2	251.8	211.8	21.2	18.8	12.1	245.3	202.8	20.3	22.2	7	9
3931	Musical instruments	12.2	251.8	211.8	21.2	18.8	12.1	245.3	202.8	20.3	22.2	7	9
394	Toys and sporting goods	76.2	1 558.3	1 281.8	147.0	129.5	73.9	1 490.6	1 222.5	130.1	138.0	4	5
3942	Dolls	3.0	57.8	48.4	6.4	3.0	3.5	60.7	52.4	4.9	3.4	19	44
3944	Games, toys, and children's vehicles	30.0	611.9	504.3	54.6	53.0	27.6	570.8	462.5	50.9	57.4	4	8
3949	Sporting and athletic goods, n.e.c.	43.2	888.6	729.1	86.0	73.5	42.8	859.1	707.6	74.3	77.2	6	5
395	Pens, pencils, and office and art supplies	25.9	566.4	464.0	43.9	58.5	27.5	568.9	469.0	42.8	57.1	4	7
3951	Pens and mechanical pencils	8.2	193.8	151.9	15.7	26.2	8.9	202.2	160.9	16.8	24.5	5	5
3952	Lead pencils and art goods	5.4	124.1	101.1	10.0	13.0	5.6	120.5	97.9	8.8	13.8	5	5
3953	Marking devices	5.9	106.4	92.1	7.2	7.1	6.7	111.6	97.5	7.6	6.5	14	43
3955	Carbon paper and inked ribbons	6.4	142.1	118.9	11.0	12.2	6.3	134.6	112.7	9.6	12.3	9	10
396	Costume jewelry and notions	36.7	705.5	592.7	59.4	53.4	38.8	722.4	606.9	60.3	55.2	8	8
3961	Costume jewelry	18.5	357.8	303.1	30.1	24.6	18.7	343.9	292.5	28.6	22.8	14	12
3962	Artificial flowers	5.8	85.8	74.0	7.7	4.1	5.8	85.2	73.8	7.1	4.3	16	18
3963	Buttons	2.1	43.8	37.1	3.8	2.9	2.5	45.5	38.6	3.7	3.2	17	15
3964	Needles, pins, and fasteners	10.3	218.1	178.5	17.8	21.8	11.8	247.8	202.0	20.9	24.9	6	4
399	Miscellaneous manufactures	129.4	2 974.2	2 529.9	243.1	201.2	128.6	2 851.7	2 411.8	231.0	208.9	3	4
3991	Brooms and brushes	11.4	246.2	202.3	21.7	22.2	11.4	232.6	190.3	18.6	23.7	8	7
3993	Signs and advertising displays	53.7	1 312.3	1 144.2	107.3	61.1	54.6	1 275.9	1 099.9	107.9	68.1	6	8
3995	Burial caskets	8.4	184.2	155.0	14.8	14.4	8.7	179.2	151.0	14.2	14.0	8	7
3996	Hard surface floor coverings	7.0	239.0	197.1	20.3	21.6	6.2	203.0	165.8	17.6	19.6	1	2
3999	Manufacturing industries, n.e.c.	48.9	992.5	831.3	79.3	81.9	47.7	961.0	804.8	72.7	83.5	4	5

[1]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
	All industries	**53 437.6**	**655 227.7**	**30 807.3**	**74 453.0**	**22 630.3**	**'59 705.4**	**658 671.5**	**31 594.7**	**'69 498.1**	**'28 108.7**	**1**	**1**
20	Food and kindred products	4 883.1	46 172.1	2 528.4	2 757.4	2 354.7	5 229.0	45 293.9	2 490.7	2 682.8	2 738.3	2	2
21	Tobacco products	128.9	1 409.0	70.0	104.8	58.9	132.3	1 486.3	72.4	148.2	59.9	2	3
22	Textile mill products	1 874.4	28 380.4	1 262.4	320.3	612.0	1 924.8	25 525.1	1 214.2	362.0	710.6	1	3
23	Apparel and other textile products	550.5	6 305.1	416.2	(S)	134.3	544.4	6 131.5	407.9	(S)	136.5	2	3
24	Lumber and wood products	1 295.3	17 759.6	865.9	718.3	430.4	1 288.0	16 765.5	826.0	(S)	462.0	2	3
25	Furniture and fixtures	427.9	4 678.5	290.7	(S)	137.2	428.2	4 475.2	279.0	(S)	149.2	2	3
26	Paper and allied products	5 058.0	55 032.4	2 345.9	34 448.4	2 712.1	'5 755.6	'52 449.2	'2 370.4	32 052.6	3 385.2	1	1
27	Printing and publishing	1 088.0	13 202.3	818.3	24.5	269.7	1 078.4	12 382.5	790.4	(S)	288.0	2	3
28	Chemicals and allied products	8 731.9	119 687.1	4 731.8	22 767.5	4 000.1	10 720.0	'125 862.5	'5 280.1	'19 521.8	'5 439.9	1	1
29	Petroleum and coal products	4 372.2	37 060.4	1 743.8	5 612.1	2 628.4	'5 264.4	'35 134.0	'1 740.2	'6 085.4	3 544.2	1	1
30	Rubber and miscellaneous plastics products	2 005.9	31 221.4	1 522.1	65.1	483.8	2 039.4	30 102.5	1 481.8	84.6	557.6	2	3
31	Leather and leather products	101.7	969.5	62.8	(S)	39.1	117.3	1 040.2	66.2	(S)	51.1	6	7
32	Stone, clay, and glass products	3 882.7	31 628.4	1 581.4	495.7	2 301.3	'4 219.4	'30 516.8	'1 562.0	434.6	'2 657.4	1	2
33	Primary metal industries	7 788.6	125 443.6	4 486.8	6 571.9	3 301.8	'9 267.7	'133 152.1	'4 972.4	7 419.5	'4 295.3	1	1
34	Fabricated metal products	2 587.2	27 340.3	1 648.9	(S)	938.3	2 730.6	27 974.1	1 672.1	107.5	1 058.5	2	3
35	Machinery, except electrical	2 497.0	29 983.9	1 840.2	(S)	656.8	'2 620.3	'30 273.8	'1 874.1	(S)	'746.2	1	2
36	Electric and electronic equipment	2 471.8	33 936.2	1 955.9	(S)	515.9	2 513.8	32 823.0	1 909.7	(S)	604.1	1	2
37	Transportation equipment	2 720.4	35 831.1	1 948.5	(S)	771.9	'2 798.9	34 536.5	1 868.9	(S)	900.0	1	1
38	Instruments and related products	636.9	7 631.7	460.2	(S)	178.7	689.1	7 329.9	480.2	(S)	208.9	2	2
39	Miscellaneous manufacturing industries	332.2	3 554.5	227.3	4.6	104.9	340.6	3 485.8	225.4	(S)	'115.2	2	4

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
20	**Food and kindred products**	**4 883.1**	**46 172.1**	**2 528.4**	**2 757.4**	**2 354.7**	**5 229.0**	**45 293.9**	**2 490.7**	**2 682.8**	**2 738.3**	**2**	**2**
201	Meat products	723.7	7 905.7	451.0	(S)	292.7	745.0	7 611.1	417.8	(S)	327.2	5	5
2011	Meat packing plants	293.4	3 330.2	165.9	70.7	127.5	326.0	3 337.6	168.1	69.7	157.9	13	11
2013	Sausages and other prepared meats	166.4	1 759.2	102.9	(S)	63.5	162.1	1 608.4	97.0	(S)	65.1	3	3
2016	Poultry dressing plants	233.5	2 473.7	143.0	(S)	90.5	227.0	2 336.9	134.7	-	92.3	3	1
2017	Poultry and egg processing	30.4	342.5	19.2	-	11.2	29.9	328.2	18.0	-	11.9	9	6
202	Dairy products	592.8	6 402.1	348.7	(S)	244.1	613.0	6 108.9	340.4	(S)	272.6	3	3
2021	Creamery butter	13.4	99.9	5.2	(S)	8.2	16.1	101.8	5.4	(S)	10.7	4	6
2022	Cheese, natural and processed	146.9	1 295.4	64.7	(S)	82.2	149.1	1 202.8	60.1	-	89.0	4	2
2023	Condensed and evaporated milk	91.6	697.6	36.1	(S)	55.5	94.2	657.3	34.2	(S)	60.0	3	16
2024	Ice cream and frozen desserts	73.9	997.7	60.1	(S)	13.8	75.0	987.2	60.3	(S)	14.7	4	8
2026	Fluid milk	267.0	3 311.5	182.6	(S)	84.4	278.6	3 159.8	180.4	(S)	98.2	6	3
203	Preserved fruits and vegetables	678.6	6 744.0	353.7	(S)	324.9	781.8	6 921.1	356.0	(S)	425.8	1	2
2032	Canned specialties	77.0	544.4	31.1	(S)	45.9	85.5	553.8	29.1	(S)	56.4	9	1
2033	Canned fruits and vegetables	202.5	1 358.9	86.1	(S)	116.4	250.4	1 461.2	91.6	(S)	158.8	2	2
2034	Dehydrated fruits, vegetables, and soups	55.2	499.5	21.0	(S)	34.2	77.0	561.1	21.8	-	55.2	11	8
2035	Pickles, sauces, and salad dressings	45.8	439.9	27.5	(S)	18.3	45.6	409.3	25.9	-	19.7	3	5
2037	Frozen fruits and vegetables	182.3	2 422.0	104.7	(S)	77.6	203.4	2 484.1	106.3	(S)	97.1	2	5
2038	Frozen specialties	115.8	1 479.4	83.3	-	32.5	119.9	1 451.5	81.3	-	38.6	3	3
204	Grain mill products	780.4	8 179.2	413.4	(S)	367.0	803.5	7 733.5	396.3	(S)	407.2	2	2
2041	Flour and other grain mill products	103.3	1 713.9	87.2	-	16.1	102.4	1 691.5	84.0	-	18.4	6	7
2043	Cereal breakfast foods	74.7	799.4	43.1	(S)	31.6	79.1	779.4	40.9	(S)	38.2	2	1
2044	Rice milling	25.4	339.4	18.4	(S)	7.0	27.7	322.2	19.2	(S)	8.5	4	1
2045	Blended and prepared flour	14.0	184.9	9.7	(S)	4.3	13.2	172.7	8.7	(S)	4.5	2	3
2046	Wet corn milling	371.7	3 265.7	144.8	(S)	226.9	377.7	2 847.8	132.4	(S)	245.3	1	1
2047	Dog, cat, and other pet food	79.3	719.1	41.0	(S)	38.3	80.8	687.5	38.1	(S)	42.7	4	7
2048	Prepared feeds, n.e.c.	112.0	1 156.9	69.2	(S)	42.8	122.6	1 232.4	73.0	-	49.6	4	12
205	Bakery products	332.7	2 594.5	159.3	(S)	173.4	360.2	2 504.8	159.7	(S)	203.5	6	7
2051	Bread, cake, and related products	248.9	1 867.2	115.8	(S)	133.1	261.3	1 784.4	114.4	(S)	146.9	9	3
2052	Cookies and crackers	83.8	727.3	43.5	(S)	40.3	101.9	720.4	45.3	(S)	56.6	3	4
206	Sugar and confectionery products	367.4	2 301.2	131.9	1 142.7	235.5	406.2	2 358.4	129.6	987.9	276.6	2	2
2061	Raw cane sugar	30.5	114.7	7.7	496.5	22.8	33.1	114.1	8.5	309.2	24.6	5	6
2062	Cane sugar refining	51.5	66.3	4.3	284.5	47.2	66.5	67.2	4.3	274.0	62.2	3	4
2063	Beet sugar	132.3	378.5	18.2	359.1	114.1	146.3	351.3	15.5	404.8	130.8	6	4
2065	Confectionery products	108.4	1 244.7	70.6	(S)	37.8	111.1	1 332.4	70.1	-	41.0	3	3
2066	Chocolate and cocoa products	34.3	380.4	23.6	-	10.7	37.1	371.4	23.0	-	14.1	1	1
2067	Chewing gum	10.4	116.6	7.5	(S)	2.9	12.1	122.1	8.2	-	3.9	3	4
207	Fats and oils	440.9	3 417.9	176.8	(S)	264.1	501.8	3 488.5	180.2	(S)	321.6	3	4
2074	Cottonseed oil mills	43.8	511.6	28.8	-	15.0	49.3	562.3	30.9	-	18.4	5	5
2075	Soybean oil mills	174.8	1 561.6	69.3	(S)	105.5	210.7	1 612.6	74.1	(S)	136.6	1	1
2076	Vegetable oil mills, n.e.c.	12.0	113.5	5.7	-	6.3	13.6	110.6	5.4	-	8.2	13	8
2077	Animal and marine fats and oils	125.2	604.0	39.0	-	86.2	134.8	601.3	37.3	-	97.5	10	11
2079	Shortening and cooking oils	85.1	627.2	34.0	(S)	51.1	93.4	601.7	32.5	(S)	60.9	3	8
208	Beverages	599.3	5 265.4	312.0	(S)	287.3	634.2	5 293.9	308.7	(S)	325.5	4	2
2082	Malt beverages	243.0	2 318.6	120.8	412.0	122.2	269.5	2 303.8	117.8	530.6	151.7	1	1
2083	Malt	43.0	391.1	20.2	(S)	22.8	45.5	440.4	19.7	(S)	25.8	1	5
2084	Wines, brandy, and brandy spirits	35.8	362.7	24.8	(S)	11.0	35.0	366.4	22.7	(S)	12.3	3	5
2085	Distilled liquor, except brandy	55.9	324.6	18.6	(S)	37.3	63.7	330.7	19.2	(S)	44.5	3	3
2086	Bottled and canned soft drinks	181.2	1 590.1	107.5	(S)	73.7	176.6	1 592.4	110.7	(S)	65.9	10	5
2087	Flavoring extracts and syrups, n.e.c.	40.4	278.3	20.1	(S)	20.3	43.9	260.2	18.6	(S)	25.3	9	14
209	Miscellaneous foods and kindred products	367.3	3 362.1	201.6	(S)	165.7	380.3	3 273.7	202.0	(S)	178.3	5	7
2091	Canned and cured seafoods	7.0	78.0	5.4	-	1.6	8.1	87.2	6.2	-	1.9	5	(A)
2092	Fresh or frozen packaged fish	69.0	768.2	41.6	(S)	27.4	53.8	642.4	34.3	(S)	19.5	14	37
2095	Roasted coffee	56.5	512.5	30.5	-	26.0	64.6	519.9	32.3	-	32.3	3	2
2097	Manufactured ice	26.6	366.2	25.5	-	1.1	28.8	374.4	27.3	-	1.5	26	18
2098	Macaroni and spaghetti	20.3	221.1	12.8	(S)	7.5	21.5	219.8	13.5	(S)	8.0	4	4
2099	Food preparations, n.e.c.	187.9	1 416.1	85.8	(S)	102.1	203.5	1 429.9	88.4	(S)	115.1	3	3
21	**Tobacco products**	**128.9**	**1 409.0**	**70.0**	**104.8**	**58.9**	**132.3**	**1 486.3**	**72.4**	**148.2**	**59.9**	**2**	**3**
211	Cigarettes	90.2	1 014.0	48.5	(S)	41.7	88.2	1 075.9	49.9	(S)	38.3	1	1
2111	Cigarettes	90.2	1 014.0	48.5	(S)	41.7	88.2	1 075.9	49.9	(S)	38.3	1	1
212	Cigars	3.9	43.7	2.9	-	1.0	3.7	37.3	2.7	-	1.0	2	1
2121	Cigars	3.9	43.7	2.9	-	1.0	3.7	37.3	2.7	-	1.0	2	1
213	Chewing and smoking tobacco	7.0	63.7	3.4	-	3.6	6.8	54.5	3.0	-	3.8	7	9
2131	Chewing and smoking tobacco	7.0	63.7	3.4	-	3.6	6.8	54.5	3.0	-	3.8	7	9
214	Tobacco stemming and redrying	27.8	287.7	15.2	(S)	12.6	33.6	318.6	16.8	(S)	16.8	9	14
2141	Tobacco stemming and redrying	27.8	287.7	15.2	(S)	12.6	33.6	318.6	16.8	(S)	16.8	9	14
22	**Textile mill products**	**1 874.4**	**26 380.4**	**1 262.4**	**320.3**	**612.0**	**1 924.8**	**25 525.1**	**1 214.2**	**362.0**	**710.6**	**1**	**3**
221	Weaving mills, cotton	196.1	3 392.2	153.6	88.1	42.5	208.3	3 454.5	154.6	132.5	53.7	1	2
2211	Weaving mills, cotton	196.1	3 392.2	153.6	88.1	42.5	208.3	3 454.5	154.6	132.5	53.7	1	2
222	Weaving mills, synthetics	366.8	7 123.9	304.5	55.0	62.3	364.3	6 738.3	292.2	52.9	72.1	2	4
2221	Weaving mills, manmade fiber and silk	366.8	7 123.9	304.5	55.0	62.3	364.3	6 738.3	292.2	52.9	72.1	2	4
223	Weaving and finishing mills, wool	27.2	280.3	14.9	(S)	12.3	33.9	332.2	17.7	(S)	16.2	2	2
2231	Weaving and finishing mills, wool	27.2	280.3	14.9	(S)	12.3	33.9	332.2	17.7	(S)	16.2	2	2
224	Narrow fabric mills	28.9	362.4	21.1	-	7.8	29.1	340.6	20.1	-	9.0	5	11
2241	Narrow fabric mills	28.9	362.4	21.1	-	7.8	29.1	340.6	20.1	-	9.0	5	11

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
22	**Textile mill products**—Con.												
225	Knitting mills	289.7	3 052.2	165.7	(S)	124.0	309.0	3 034.6	162.8	(S)	146.2	3	4
2251	Women's full-length and knee-length hosiery	35.0	486.6	25.4	-	9.6	32.5	465.0	22.8	-	9.7	4	9
2252	Hosiery, n.e.c.	35.0	397.0	22.1	(S)	12.9	33.8	369.5	20.0	(S)	13.8	5	7
2253	Knit outerwear mills	55.4	511.6	29.0	(S)	26.4	60.6	491.8	31.0	(S)	29.6	4	5
2254	Knit underwear mills	23.0	274.4	13.1	(S)	9.9	25.0	301.0	13.7	-	11.3	5	3
2257	Circular knit fabric mills	98.5	907.1	50.5	(S)	48.0	101.7	882.9	47.7	-	54.0	6	9
2258	Warp knit fabric mills	40.7	456.1	24.1	(S)	16.6	53.1	507.2	26.0	(S)	27.1	3	6
2259	Knitting mills, n.e.c.	2.1	19.4	1.5	-	.6	2.3	17.1	1.6	-	.7	4	10
226	Textile finishing, except wool	262.2	1 834.7	97.2	(S)	165.0	285.4	1 831.2	95.7	(S)	189.7	3	6
2261	Finishing plants, cotton	48.8	313.1	17.2	(S)	31.6	48.9	283.5	16.2	(S)	32.7	6	23
2262	Finishing plants, manmade	167.9	1 089.7	57.3	(S)	110.6	187.7	1 114.5	57.2	(S)	130.5	4	5
2269	Finishing plants, n.e.c.	45.5	431.9	22.7	(S)	22.8	48.8	436.2	22.3	-	26.5	3	5
227	Floor covering mills	153.9	1 289.8	85.0	(S)	88.9	154.7	1 091.1	55.1	(S)	99.6	5	12
2271	Woven carpets and rugs	7.1	68.6	4.1	-	3.0	7.8	83.4	4.2	-	3.6	16	17
2272	Tufted carpets and rugs	141.8	1 166.8	57.7	(S)	84.1	143.2	973.2	48.7	(S)	94.5	5	13
2279	Carpets and rugs, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
228	Yarn and thread mills	375.9	6 923.4	327.4	(S)	48.5	361.0	6 618.7	304.8	(S)	56.2	2	3
2281	Yarn mills, except wool	269.8	5 095.0	241.5	(S)	28.3	246.7	4 670.2	214.3	(S)	32.4	3	3
2282	Throwing and winding mills	73.0	1 366.0	60.8	(S)	12.2	79.2	1 462.1	65.3	(S)	13.9	4	7
2283	Wool yarn mills	8.2	109.7	5.6	-	2.6	8.6	105.5	5.7	-	2.9	11	22
2284	Thread mills	24.9	352.7	19.5	(S)	5.4	26.5	380.9	19.5	-	7.0	5	12
229	Miscellaneous textile goods	173.7	2 121.6	113.0	(S)	60.7	179.1	2 084.0	111.2	(S)	67.9	3	7
2291	Felt goods, except woven felts and hats	10.7	126.9	8.1	(S)	2.6	9.9	107.4	6.6	(S)	3.3	16	15
2292	Lace goods	4.2	31.0	2.3	-	1.9	4.7	39.9	3.1	-	1.6	32	38
2293	Paddings and upholstery filling	11.5	98.9	6.1	-	5.4	10.5	98.8	5.4	-	5.1	8	3
2294	Processed textile waste	5.8	69.3	4.0	-	1.8	5.4	55.7	3.7	-	1.7	32	39
2295	Coated fabrics, not rubberized	32.7	270.0	16.7	-	16.0	36.4	288.6	18.1	-	18.3	5	5
2296	Tire cord and fabric	31.4	531.5	24.6	-	6.8	32.3	530.3	24.5	-	7.8	1	1
2297	Nonwoven fabrics	51.9	742.4	36.5	(S)	15.4	50.7	649.6	32.4	(S)	18.3	5	11
2298	Cordage and twine	10.2	145.8	8.3	-	1.9	10.5	144.2	8.4	-	2.1	5	10
2299	Textile goods, n.e.c.	15.3	105.8	6.4	-	8.9	18.7	179.5	9.0	-	9.7	22	37
23	**Apparel and other textile products**	**550.5**	**6 305.1**	**416.2**	**(S)**	**134.3**	**544.4**	**6 131.5**	**407.9**	**(S)**	**136.5**	**2**	**3**
231	Men's and boys' suits and coats	35.0	352.1	25.1	(S)	9.9	38.6	383.1	27.0	(S)	11.6	5	3
2311	Men's and boys' suits and coats	35.0	352.1	25.1	(S)	9.9	38.6	383.1	27.0	(S)	11.6	5	3
232	Men's and boys' furnishings	120.8	1 485.7	92.4	(S)	28.4	114.3	1 388.1	86.8	(S)	27.5	4	5
2321	Men's and boys' shirts and nightwear	33.2	429.7	26.1	(S)	7.1	31.7	398.3	23.9	(S)	7.8	6	12
2322	Men's and boys' underwear	5.3	85.2	4.5	-	.8	4.9	80.3	4.2	-	.7	4	11
2323	Men's and boys' neckwear	2.3	28.3	2.0	-	.3	2.3	28.2	2.0	-	.3	5	65
2327	Men's and boys' separate trousers	21.5	243.4	16.3	(S)	5.2	21.2	236.0	16.0	(S)	5.2	3	3
2328	Men's and boys' work clothing	39.6	479.5	30.4	-	9.2	38.6	451.7	29.0	-	9.6	7	7
2329	Men's and boys' clothing, n.e.c.	19.9	219.6	13.1	(S)	5.8	15.6	193.6	11.7	(S)	3.9	8	11
233	Women's and misses' outerwear	185.1	2 133.2	153.5	(S)	31.6	191.9	2 072.4	150.6	(S)	31.3	3	8
2331	Women's and misses' blouses	34.7	385.7	27.9	(S)	6.8	35.8	431.9	28.2	(S)	7.6	6	10
2335	Women's and misses' dresses	83.0	1 041.2	75.1	(S)	7.9	82.9	993.4	74.7	(S)	8.2	3	17
2337	Women's and misses' suits and coats	24.3	226.0	17.9	(S)	6.4	25.2	221.5	18.3	(S)	6.9	14	26
2339	Women's and misses' outerwear, n.e.c.	43.1	480.3	32.6	(S)	10.5	38.0	425.7	29.4	-	8.6	4	6
234	Women's and children's undergarments	30.6	360.4	23.7	-	6.9	30.5	355.9	23.5	-	7.0	3	6
2341	Women's and children's underwear	24.1	292.7	18.8	-	5.3	24.9	297.2	19.2	-	5.7	4	5
2342	Brassieres and allied garments	6.5	67.7	4.9	-	1.6	5.6	58.7	4.3	-	1.3	7	21
235	Hats, caps, and millinery	8.3	78.8	5.3	(S)	3.0	8.5	(S)	(S)	(S)	(S)	12	18
2351	Millinery	1.0	4.0	.4	(S)	.6	1.1	(S)	(S)	(S)	(S)	38	31
2352	Hats and caps, except millinery	7.3	74.9	4.9	-	2.4	7.4	88.3	4.8	-	2.6	13	20
238	Children's outerwear	22.3	268.1	17.2	(S)	5.1	25.3	294.4	19.0	(S)	6.3	9	8
2361	Children's dresses and blouses	8.6	110.3	6.7	(S)	1.9	10.0	120.2	7.5	-	2.5	21	20
2363	Children's coats and suits	1.8	20.6	1.5	-	.4	2.0	21.2	1.5	-	.5	9	10
2369	Children's outerwear, n.e.c.	11.8	137.3	9.0	(S)	2.8	13.3	153.1	10.0	(S)	3.3	5	6
237	Fur goods	2.4	16.2	1.3	-	1.1	1.6	12.6	1.3	-	.3	9	12
2371	Fur goods	2.4	16.2	1.3	-	1.1	1.6	12.6	1.3	-	.3	9	12
238	Miscellaneous apparel and accessories	18.6	198.2	13.8	-	4.8	19.5	192.8	13.9	-	5.6	6	10
2381	Fabric dress and work gloves	1.7	23.7	1.3	-	.4	2.1	26.2	1.5	-	.6	4	31
2384	Robes and dressing gowns	3.2	37.4	2.5	-	.7	3.2	36.2	2.5	-	.7	7	15
2385	Waterproof outer garments	3.7	35.6	2.5	-	1.2	3.8	35.6	2.4	-	1.4	3	8
2386	Leather and sheep lined clothing	1.0	9.0	.8	-	.2	1.0	7.9	.8	-	.2	7	19
2387	Apparel belts	3.8	35.4	3.2	-	.6	3.7	32.6	3.1	-	.6	9	18
2389	Apparel and accessories, n.e.c.	5.2	57.0	3.5	-	1.7	5.7	54.3	3.6	-	2.1	19	24
239	Miscellaneous fabricated textile products	127.4	1 412.4	83.9	(S)	43.5	124.2	1 360.0	80.6	-	43.6	6	6
2391	Curtains and draperies	10.3	151.7	8.1	-	2.2	10.9	201.5	8.3	-	2.6	14	17
2392	House furnishings, n.e.c.	41.7	462.1	24.3	-	17.4	41.9	420.8	23.3	-	18.6	16	12
2393	Textile bags	3.7	42.7	2.4	-	1.3	3.8	42.1	2.4	-	1.4	9	16
2394	Canvas and related products	7.5	89.5	5.5	-	2.0	8.1	89.0	5.8	-	2.3	9	14
2395	Pleating and stitching	11.7	93.7	7.4	-	4.3	10.3	70.7	6.4	-	3.9	11	13
2396	Automotive and apparel trimmings	25.6	263.5	17.2	-	8.4	22.9	228.1	15.4	-	7.5	3	3
2397	Schiffli machine embroideries	3.9	48.0	3.0	-	.9	3.5	41.0	2.6	-	.9	9	38
2399	Fabricated textile products, n.e.c.	23.0	261.3	16.0	(S)	7.0	22.8	266.7	16.4	-	6.4	9	8

See footnotes at end of table

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
24	**Lumber and wood products**	**1 296.3**	**17 759.6**	**865.9**	**718.3**	**430.4**	**1 288.0**	**16 765.5**	**826.0**	**(S)**	**462.0**	**2**	**3**
241	Logging camps and logging contractors	111.6	406.1	19.9	(S)	91.7	124.0	442.0	21.8	(S)	102.2	10	8
2411	Logging camps and logging contractors	111.6	406.1	19.9	(S)	91.7	124.0	442.0	21.8	(S)	102.2	10	8
242	Sawmills and planing mills	472.3	7 555.2	353.4	(S)	118.9	449.5	6 988.0	326.6	(S)	122.9	3	6
2421	Sawmills and planing mills, general	432.1	6 958.9	320.7	(S)	111.4	410.2	6 423.3	295.0	(S)	115.2	3	6
2426	Hardwood dimension and flooring	38.7	572.5	31.7	(S)	7.0	37.4	536.9	30.3	(S)	7.1	6	14
2429	Special product sawmills, n.e.c.	1.5	23.8	1.0	-	.5	1.9	27.7	1.3	-	.6	41	47
243	Millwork, plywood, and structural members	338.1	4 785.7	243.6	(S)	94.5	334.5	4 594.4	236.8	(S)	97.7	4	3
2431	Millwork	89.8	1 145.7	71.8	-	18.0	84.4	1 073.7	67.1	-	17.3	10	7
2434	Wood kitchen cabinets	41.1	474.8	30.2	(S)	10.9	43.1	458.9	30.7	(S)	12.4	9	11
2435	Hardwood veneer and plywood	34.3	373.1	22.3	(S)	12.0	36.2	377.2	22.7	-	13.5	7	13
2436	Softwood veneer and plywood	159.4	2 631.7	111.7	(S)	47.7	158.8	2 551.0	109.8	(S)	49.0	1	2
2439	Structural wood members, n.e.c.	13.5	160.3	7.6	-	5.9	12.0	133.6	6.5	-	5.5	10	14
244	Wood containers	41.5	486.0	27.3	-	14.2	43.2	480.1	28.1	-	15.1	10	12
2441	Nailed wood boxes and shook	6.7	79.9	4.1	-	2.6	6.8	75.0	4.1	-	2.7	15	20
2448	Wood pallets and skids	29.5	359.6	19.9	-	9.6	30.4	349.6	20.3	-	10.1	12	16
2449	Wood containers, n.e.c.	5.3	46.5	3.3	-	2.0	6.0	55.5	3.7	-	2.3	42	19
245	Wood buildings and mobile homes	36.5	383.7	24.2	-	12.3	38.1	389.6	24.8	-	13.3	3	5
2451	Mobile homes	23.8	260.9	16.7	-	7.1	25.5	277.9	17.7	-	7.8	3	5
2452	Prefabricated wood buildings	12.7	122.8	7.5	-	5.2	12.6	111.8	7.1	-	5.5	8	9
249	Miscellaneous wood products	296.3	4 142.9	197.5	(S)	98.8	298.7	3 871.4	187.9	(S)	110.8	3	7
2491	Wood preserving	40.0	260.1	15.1	(S)	24.9	42.2	229.2	14.5	(S)	27.7	9	16
2492	Particleboard	78.6	1 461.9	62.5	(S)	16.1	70.1	1 258.0	52.3	(S)	17.8	5	5
2499	Wood products, n.e.c.	177.7	2 420.9	119.9	(S)	57.8	186.4	2 384.3	121.1	(S)	65.3	3	9
25	**Furniture and fixtures**	**427.9**	**4 678.5**	**290.7**	**(S)**	**137.2**	**428.2**	**4 475.2**	**279.0**	**(S)**	**149.2**	**2**	**3**
251	Household furniture	218.5	2 665.5	161.4	(S)	57.1	214.3	2 532.1	154.5	(S)	59.8	3	4
2511	Wood household furniture	123.7	1 600.5	96.1	(S)	27.6	121.2	1 533.2	92.8	(S)	28.4	4	7
2512	Upholstered household furniture	37.3	436.5	25.4	(S)	11.9	36.2	405.1	23.7	(S)	12.5	7	7
2514	Metal household furniture	27.0	238.8	16.7	(S)	10.3	26.0	236.2	15.6	(S)	10.4	5	6
2515	Mattresses and bedsprings	14.3	141.0	10.0	-	4.3	14.5	127.3	9.6	(S)	4.9	6	14
2517	Wood TV and radio cabinets	5.8	82.3	4.5	-	1.3	5.8	73.8	4.3	(S)	1.5	5	7
2519	Household furniture, n.e.c.	10.4	166.5	8.7	(S)	1.7	10.6	156.5	8.5	(S)	2.1	11	10
252	Office furniture	78.0	809.2	49.9	(S)	28.1	77.0	723.1	43.4	(S)	33.6	3	4
2521	Wood office furniture	20.1	237.1	14.7	(S)	5.4	17.8	201.1	12.2	(S)	5.6	7	8
2522	Metal office furniture	57.9	572.1	35.2	(S)	22.7	59.2	522.0	31.2	-	28.0	3	4
253	Public building and related furniture	21.8	223.4	13.3	-	8.5	23.6	246.8	14.4	-	9.2	5	7
2531	Public building and related furniture	21.8	223.4	13.3	-	8.5	23.6	246.8	14.4	-	9.2	5	7
254	Partitions and fixtures	79.6	679.4	46.3	-	33.3	83.3	691.1	47.4	-	35.9	6	7
2541	Wood partitions and fixtures	32.7	292.0	19.9	-	12.8	33.0	290.2	19.8	-	13.2	10	15
2542	Metal partitions and fixtures	46.9	387.4	26.4	-	20.5	50.3	400.9	27.6	-	22.7	8	6
259	Miscellaneous furniture and fixtures	30.0	301.0	19.8	-	10.2	30.0	282.0	19.3	-	10.7	4	5
2591	Drapery hardware and blinds and shades	13.6	147.5	9.4	-	4.2	12.7	132.5	8.6	-	4.1	3	5
2599	Furniture and fixtures, n.e.c.	16.4	153.5	10.4	-	6.0	17.3	149.5	10.7	-	6.6	6	8
26	**Paper and allied products**	**5 058.0**	**55 032.4**	**2 345.9**	**34 448.4**	**2 712.1**	**5 755.6**	**52 449.2**	**2 370.4**	**32 052.6**	**3 385.2**	**1**	**1**
261	Pulp mills	321.0	3 448.4	123.6	4 393.5	197.4	384.0	3 058.6	110.6	3 502.8	273.4	1	3
2611	Pulp mills	321.0	3 448.4	123.6	4 393.5	197.4	384.0	3 058.6	110.6	3 502.8	273.4	1	3
262	Paper mills, except building paper	2 454.0	29 143.2	1 137.9	17 762.7	1 316.1	2 859.3	28 520.1	1 214.1	16 239.5	1 645.2	1	1
2621	Paper mills, except building paper	2 454.0	29 143.2	1 137.9	17 762.7	1 316.1	2 859.3	28 520.1	1 214.1	16 239.5	1 645.2	1	1
263	Paperboard mills	1 304.2	10 901.5	452.8	12 099.6	851.4	1 508.1	10 138.1	440.9	12 247.8	1 067.2	1	1
2631	Paperboard mills	1 304.2	10 901.5	452.8	12 099.6	851.4	1 508.1	10 138.1	440.9	12 247.8	1 067.2	1	1
264	Miscellaneous converted paper products	510.1	6 871.9	359.3	(S)	150.8	512.9	6 344.4	343.0	(S)	169.9	2	3
2641	Paper coating and glazing	139.5	1 568.1	79.1	(S)	60.4	144.3	1 415.8	74.3	(S)	70.0	3	3
2642	Envelopes	32.8	420.2	27.0	(S)	5.8	31.5	394.5	25.7	(S)	5.8	5	8
2643	Bags, except textile bags	124.2	1 961.0	107.4	(S)	16.8	120.0	1 736.5	102.3	(S)	17.7	3	8
2645	Die-cut paper and board	20.7	226.2	14.1	-	6.6	19.7	209.3	13.3	-	6.4	4	6
2646	Pressed and molded pulp goods	35.7	541.9	23.3	(S)	12.4	36.8	499.0	21.6	-	15.2	3	1
2647	Sanitary paper products	99.2	1 536.0	72.2	(S)	27.0	102.8	1 517.1	70.9	(S)	31.9	2	5
2648	Stationery products	11.6	146.6	8.3	-	3.3	10.7	123.4	7.7	-	3.0	7	6
2649	Converted paper products, n.e.c.	46.4	471.9	27.9	(S)	18.5	47.1	448.8	27.2	(S)	19.9	7	15
265	Paperboard containers and boxes	427.1	4 270.8	253.6	172.8	173.5	417.2	3 789.7	234.3	(S)	182.9	1	1
2651	Folding paperboard boxes	72.2	834.0	48.8	(S)	23.4	71.7	768.2	47.0	(S)	24.7	2	3
2652	Set-up paperboard boxes	10.1	75.5	6.2	-	3.9	10.2	71.2	6.4	-	3.8	19	23
2653	Corrugated and solid fiber boxes	267.5	2 349.1	140.9	(S)	126.6	262.7	2 069.9	130.2	-	132.5	2	2
2654	Sanitary food containers	52.7	773.3	42.1	(S)	10.6	45.3	623.4	33.9	(S)	11.4	2	1
2655	Fiber cans, drums, and similar products	24.6	239.0	15.6	(S)	9.0	27.3	257.0	16.8	(S)	10.5	5	6
266	Building paper and board mills	41.6	396.6	18.7	(S)	22.9	74.1	598.3	27.5	(S)	46.6	1	3
2661	Building paper and board mills	41.6	396.6	18.7	(S)	22.9	74.1	598.3	27.5	(S)	46.6	1	3

See footnotes at end of table.

Table 4. **Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
27	**Printing and publishing**	**1 088.0**	**13 202.3**	**818.3**	**24.5**	**269.7**	**1 076.4**	**12 382.5**	**790.4**	**(S)**	**286.0**	**2**	**3**
271	Newspapers	234.7	3 076.9	191.2	(S)	43.5	232.5	2 895.5	185.3	(S)	47.2	2	4
2711	Newspapers	234.7	3 076.9	191.2	(S)	43.5	232.5	2 895.5	185.3	(S)	47.2	2	4
272	Periodicals	36.0	425.0	29.3	(S)	6.7	42.3	441.7	33.5	(S)	8.8	21	28
2721	Periodicals	36.0	425.0	29.3	(S)	6.7	42.3	441.7	33.5	(S)	8.8	21	28
273	Books	84.7	977.6	57.8	-	26.9	79.9	874.8	51.4	-	28.5	8	4
2731	Book publishing	33.2	310.9	19.3	-	13.9	32.6	299.1	18.3	-	14.3	5	3
2732	Book printing	51.5	666.7	38.5	-	13.0	47.3	575.8	33.1	-	14.2	11	8
274	Miscellaneous publishing	20.4	252.9	16.1	(S)	4.3	22.6	210.9	14.6	(S)	8.0	9	61
2741	Miscellaneous publishing	20.4	252.9	16.1	(S)	4.3	22.6	210.8	14.6	(S)	8.0	9	61
275	Commercial printing	537.3	6 246.8	382.1	(S)	155.2	530.8	5 847.4	369.5	(S)	161.3	3	3
2751	Commercial printing, letterpress	95.6	1 073.3	65.9	(S)	29.7	91.1	965.3	62.5	(S)	28.6	4	7
2752	Commercial printing, lithographic	352.3	4 128.5	259.3	(S)	93.0	349.1	3 868.6	252.6	(S)	96.5	4	3
2753	Engraving and plate printing	11.8	110.3	7.7	(S)	4.1	12.3	103.6	8.0	-	4.3	8	14
2754	Commercial printing, gravure	77.6	934.8	49.2	(S)	28.4	78.3	910.0	46.4	(S)	31.9	1	5
276	Manifold business forms	64.2	885.9	52.8	(S)	11.4	61.8	836.7	50.0	(S)	11.8	3	8
2761	Manifold business forms	64.2	885.9	52.8	(S)	11.4	61.8	836.7	50.0	(S)	11.8	3	8
277	Greeting card publishing	16.4	243.2	13.5	-	2.9	18.4	276.0	15.2	-	3.2	5	8
2771	Greeting card publishing	16.4	243.2	13.5	-	2.9	18.4	276.0	15.2	-	3.2	5	8
278	Blankbooks and bookbinding	47.0	546.7	37.7	(S)	9.3	42.9	488.1	33.8	-	9.1	6	14
2782	Blankbooks and looseleaf binders	28.2	383.0	24.0	-	4.2	26.6	327.5	22.1	-	4.5	6	21
2789	Bookbinding and related work	18.8	163.7	13.7	(S)	5.1	16.3	160.6	11.7	-	4.6	13	19
279	Printing trade services	47.3	547.4	37.8	(S)	9.5	47.2	511.6	37.1	(S)	10.1	7	24
2791	Typesetting	20.4	253.1	16.6	-	3.8	21.8	253.6	17.8	-	4.0	7	12
2793	Photoengraving	2.2	32.5	2.0	-	.2	2.0	26.8	1.9	-	.1	(A)	(A)
2794	Electrotyping and stereotyping												
2795	Lithographic platemaking services	24.7	261.9	19.2	(S)	5.5	23.4	231.2	17.4	(S)	6.0	12	39
28	**Chemicals and allied products**	**8 731.9**	**119 687.1**	**4 731.8**	**22 767.5**	**4 000.1**	**10 720.0**	**[1]25 862.5**	**[5 280.1**	**[19 521.8**	**[5 439.9**	**1**	**1**
281	Industrial inorganic chemicals	2 753.4	58 787.2	2 089.1	5 495.0	664.3	3 079.9	[1]60 031.3	[2 277.3	[4 909.7	[802.6	2	2
2812	Alkalies and chlorine	495.5	11 586.7	359.0	(S)	136.5	534.6	[1]10 189.9	[358.5	[(S)	[176.1	3	3
2813	Industrial gases	658.6	15 906.7	603.6	(S)	55.0	623.9	14 085.1	572.2	(S)	51.7	6	9
2816	Inorganic pigments	159.7	1 608.7	71.1	(S)	88.6	174.2	1 628.1	73.5	(S)	100.7	2	2
2819	Industrial inorganic chemicals, n.e.c.	1 439.6	29 685.0	1 055.4	1 455.4	384.2	1 747.2	34 128.2	1 273.1	1 315.2	474.1	1	2
282	Plastics materials and synthetics	1 645.3	20 654.1	855.0	2 925.8	790.3	1 866.7	20 137.1	906.5	2 117.8	960.2	2	2
2821	Plastics materials and resins	958.1	12 108.1	505.6	(S)	452.5	1 107.8	11 845.5	561.5	(S)	547.3	2	4
2822	Synthetic rubber	136.0	1 315.0	55.9	(S)	80.1	158.0	1 261.2	57.3	(S)	100.7	2	1
2823	Cellulosic manmade fibers	81.2	322.4	13.0	919.7	68.2	85.3	318.9	12.7	965.2	72.6	1	1
2824	Organic fibers, noncellulosic	470.0	6 908.6	280.5	642.5	189.5	515.6	6 691.5	276.0	597.5	239.6	1	1
283	Drugs	430.3	4 790.0	271.3	281.9	159.0	460.2	4 616.8	258.2	297.5	202.0	4	3
2831	Biological products	46.9	512.0	33.9	(S)	13.0	44.4	459.9	29.9	(S)	14.5	2	3
2833	Medicinals and botanicals	104.9	1 000.9	46.9	232.6	58.0	122.6	927.9	41.8	281.0	80.8	21	7
2834	Pharmaceutical preparations	278.5	3 277.1	190.5	(S)	88.0	293.2	3 229.0	186.5	(S)	106.7	2	3
284	Soaps, cleaners, and toilet goods	295.2	2 852.5	154.2	113.0	141.0	299.9	2 498.0	142.2	178.0	157.7	3	5
2841	Soap and other detergents	113.7	893.1	52.6	96.7	61.1	119.1	800.1	48.9	178.1	70.2	4	6
2842	Polishes and sanitation goods	24.6	283.9	17.7	(S)	6.9	23.3	264.5	16.0	(S)	7.3	15	72
2843	Surface active agents	89.8	711.5	34.9	(S)	54.9	93.2	724.8	32.9	(S)	60.3	3	2
2844	Toilet preparations	67.1	764.0	49.0	(S)	18.1	64.3	708.6	44.4	(S)	19.9	1	3
285	Paints and allied products	105.0	994.9	59.8	(S)	45.2	112.1	948.4	61.5	(S)	50.6	2	3
2851	Paints and allied products	105.0	994.9	59.8	(S)	45.2	112.1	948.4	61.5	(S)	50.6	2	3
286	Industrial organic chemicals	2 351.1	21 524.3	815.6	12 666.2	1 535.5	3 384.2	25 609.4	1 078.0	10 693.2	2 306.2	1	1
2861	Gum and wood chemicals	24.3	159.5	7.7	(S)	16.6	27.9	175.8	8.3	(S)	19.6	4	2
2865	Cyclic crudes and intermediates	455.4	3 728.3	168.8	(S)	286.6	621.9	4 380.1	212.8	(S)	409.1	3	2
2869	Industrial organic chemicals, n.e.c.	1 871.4	17 636.6	639.1	11 685.6	1 232.3	2 734.4	21 053.5	856.9	10 053.5	1 877.5	1	1
287	Agricultural chemicals	776.8	7 004.1	310.2	1 089.5	466.6	1 103.8	8 661.7	377.1	936.1	726.7	2	2
2873	Nitrogenous fertilizers	474.2	3 011.1	127.5	(S)	346.7	713.6	4 005.3	162.8	(S)	550.8	4	3
2874	Phosphatic fertilizers	153.4	2 273.2	102.4	748.8	51.0	219.6	2 939.0	131.5	542.6	98.1	1	1
2875	Fertilizers, mixing only	16.7	130.5	10.4	-	6.3	17.9	123.6	10.2	-	7.7	19	21
2879	Agricultural chemicals, n.e.c.	132.5	1 589.3	69.9	(S)	62.6	152.7	1 593.8	72.6	(S)	80.1	3	7
289	Miscellaneous chemical products	374.8	3 280.1	176.6	193.7	198.2	413.2	3 359.8	179.3	187.2	233.9	3	3
2891	Adhesives and sealants	55.5	540.8	31.2	(S)	24.3	58.2	526.1	30.9	(S)	27.3	12	5
2892	Explosives	53.0	508.3	24.6	(S)	28.4	65.2	618.1	27.2	(S)	38.0	3	5
2893	Printing ink	20.6	191.6	13.6	(S)	7.0	20.4	189.4	13.7	-	6.7	4	5
2895	Carbon black	45.1	495.4	22.1	(S)	23.0	53.6	511.5	24.6	(S)	29.0	1	1
2899	Chemical preparations, n.e.c.	200.6	1 544.0	85.1	124.6	115.5	215.8	1 514.6	82.9	121.4	132.3	3	4
29	**Petroleum and coal products**	**4 372.2**	**37 060.4**	**1 743.8**	**5 612.1**	**2 628.4**	**[5 284.4**	**[35 134.0**	**[1 740.2**	**[6 085.4**	**3 544.2**	**1**	**1**
291	Petroleum refining	4 009.5	35 274.6	1 628.1	5 511.4	2 381.4	4 885.2	[33 380.4	1 627.7	[5 920.2	3 257.5	1	1
2911	Petroleum refining	4 009.5	35 274.6	1 628.1	5 511.4	2 381.4	4 885.2	[33 380.4	1 627.7	[5 920.2	3 257.5	1	1
295	Paving and roofing materials	288.9	1 352.2	88.4	(S)	200.5	328.6	1 349.9	86.6	(S)	242.0	4	6
2951	Paving mixtures and blocks	198.7	765.7	54.6	(S)	144.1	224.6	779.9	53.2	(S)	171.4	6	7
2952	Asphalt felts and coatings	90.2	586.5	33.8	(S)	56.4	104.0	570.0	33.4	(S)	70.6	4	11
299	Miscellaneous petroleum and coal products	73.8	433.7	27.3	(S)	46.5	[70.6	[403.6	[25.9	(S)	44.7	9	5
2992	Lubricating oils and greases	36.1	235.5	16.5	(S)	19.6	40.4	216.4	15.5	(S)	24.9	14	8
2999	Petroleum and coal products, n.e.c.	37.7	198.1	10.8	(S)	26.9	[30.2	[187.3	[10.4	(S)	19.8	5	6

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986				1985					Standard error of estimate[1] (percent) for	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy: Purchased: Quantity (million kWh)	Electric energy: Purchased: Cost (million dollars)	Electric energy: Generated less sold (million kWh)	Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy: Purchased: Quantity (million kWh)	Electric energy: Purchased: Cost (million dollars)	Electric energy: Generated less sold (million kWh)	Cost of purchased fuels (million dollars)		
		A	B	C	D	E	F	G	H	I	J	C	E
30	**Rubber and miscellaneous plastics products**	**2 005.9**	**31 221.4**	**1 522.1**	**65.1**	**483.8**	**2 039.4**	**30 102.5**	**1 481.8**	**84.6**	**557.6**	2	3
301	Tires and inner tubes	257.7	3 821.1	171.2	(S)	86.5	293.7	3 937.8	174.5	(S)	119.2	1	1
3011	Tires and inner tubes	257.7	3 821.1	171.2	(S)	86.5	293.7	3 937.8	174.5	(S)	119.2	1	1
302	Rubber and plastics footwear	9.6	95.7	6.8	-	2.8	11.7	115.9	8.0	(S)	3.7	2	4
3021	Rubber and plastics footwear	9.6	95.7	6.8	-	2.8	11.7	115.9	8.0	(S)	3.7	2	4
303	Reclaimed rubber	4.4	58.7	3.4	-	1.0	4.7	64.1	3.6	(S)	1.1	7	9
3031	Reclaimed rubber	4.4	58.7	3.4	-	1.0	4.7	64.1	3.6	(S)	1.1	7	9
304	Rubber and plastics hose and belting	54.4	642.5	33.1	(S)	21.3	59.3	642.5	33.4	(S)	25.9	3	1
3041	Rubber and plastics hose and belting	54.4	642.5	33.1	(S)	21.3	59.3	642.5	33.4	(S)	25.9	3	1
306	Fabricated rubber products, n.e.c.	230.6	2 496.1	148.7	(S)	81.9	231.9	2 384.0	139.4	(S)	92.5	2	3
3069	Fabricated rubber products, n.e.c.	230.6	2 496.1	148.7	(S)	81.9	231.9	2 384.0	139.4	(S)	92.5	2	3
307	Miscellaneous plastics products	1 449.2	24 107.3	1 158.9	(S)	290.3	1 438.1	22 958.2	1 122.9	(S)	315.2	2	4
3079	Miscellaneous plastics products	1 449.2	24 107.3	1 158.9	(S)	290.3	1 438.1	22 958.2	1 122.9	(S)	315.2	2	4
31	**Leather and leather products**	**101.7**	**969.5**	**62.6**	**(S)**	**39.1**	**117.3**	**1 040.2**	**66.2**	**(S)**	**51.1**	6	7
311	Leather tanning and finishing	42.2	264.4	17.3	(S)	24.9	52.2	292.2	19.3	(S)	32.9	5	7
3111	Leather tanning and finishing	42.2	264.4	17.3	(S)	24.9	52.2	292.2	19.3	(S)	32.9	5	7
313	Boot and shoe cut stock and findings	3.5	43.3	2.3	-	1.2	4.0	47.0	2.5	-	1.5	8	16
3131	Boot and shoe cut stock and findings	3.5	43.3	2.3	-	1.2	4.0	47.0	2.5	-	1.5	8	16
314	Footwear, except rubber	33.5	451.9	27.9	(S)	5.6	37.4	488.3	28.9	(S)	8.5	11	32
3142	House slippers	2.1	42.2	1.4	(S)	.7	2.5	45.8	1.6	(S)	.9	(A)	(A)
3143	Men's footwear, except athletic	14.5	209.3	13.1	-	1.4	14.6	205.1	12.7	(S)	1.9	5	61
3144	Women's footwear, except athletic	12.0	143.8	9.4	(S)	2.6	13.0	176.6	10.1	(S)	2.9	5	7
3149	Footwear, except rubber, n.e.c.	4.9	56.7	4.0	(S)	.9	7.3	60.8	4.5	(S)	2.8	2	5
315	Leather gloves and mittens	3.8	33.8	2.0	-	1.8	3.6	32.0	1.9	-	1.7	1	1
3151	Leather gloves and mittens	3.8	33.8	2.0	-	1.8	3.6	32.0	1.9	-	1.7	1	1
316	Luggage	8.2	81.2	5.4	(S)	2.8	8.3	77.3	5.2	-	3.1	22	20
3161	Luggage	8.2	81.2	5.4	(S)	2.8	8.3	77.3	5.2	-	3.1	22	20
317	Handbags and other personal leather goods	6.8	58.5	5.1	(S)	1.7	7.9	65.0	5.6	-	2.3	12	24
3171	Women's handbags and purses	3.3	35.8	2.9	(S)	.4	3.8	38.4	3.2	-	.6	18	86
3172	Personal leather goods, n.e.c.	3.5	22.8	2.2	-	1.3	4.1	26.6	2.4	-	1.7	15	17
319	Leather goods, n.e.c.	3.7	36.4	2.6	-	1.1	3.9	38.5	2.8	-	1.1	12	27
3199	Leather goods, n.e.c.	3.7	36.4	2.6	-	1.1	3.9	38.5	2.8	-	1.1	12	27
32	**Stone, clay, and glass products**	**3 882.7**	**31 628.4**	**1 581.4**	**495.7**	**2 301.3**	**'4 219.4**	**'30 516.8**	**'1 562.0**	**434.6**	**'2 657.4**	1	2
321	Flat glass	232.6	1 504.0	73.4	(S)	159.2	269.7	1 451.9	70.4	(S)	199.3	1	1
3211	Flat glass	232.6	1 504.0	73.4	(S)	159.2	269.7	1 451.9	70.4	(S)	199.3	1	1
322	Glass and glassware, pressed or blown	765.0	6 618.9	307.4	(S)	457.6	883.0	6 320.8	310.4	(S)	572.6	1	1
3221	Glass containers	477.1	3 934.1	194.3	(S)	282.8	576.9	3 905.9	204.9	-	372.0	2	2
3229	Pressed and blown glass, n.e.c.	287.9	2 684.8	113.1	(S)	174.8	306.1	2 415.0	105.5	(S)	200.6	1	2
323	Products of purchased glass	115.7	1 180.6	65.2	(S)	50.5	115.8	1 144.3	64.3	(S)	51.5	5	4
3231	Products of purchased glass	115.7	1 180.6	65.2	(S)	50.5	115.8	1 144.3	64.3	(S)	51.5	5	4
324	Cement, hydraulic	945.7	9 581.6	446.2	392.6	499.5	1 005.8	9 404.4	449.4	(S)	556.4	2	3
3241	Cement, hydraulic	945.7	9 581.6	446.2	392.6	499.5	1 005.8	9 404.4	449.4	(S)	556.4	2	3
325	Structural clay products	346.3	1 676.4	91.9	(S)	254.4	'363.4	'1 610.5	'85.8	(S)	'277.6	7	6
3251	Brick and structural clay tile	219.5	971.9	55.9	-	163.6	'227.2	'966.6	'52.3	(S)	'174.9	10	9
3253	Ceramic wall and floor tile	43.6	250.7	12.9	-	30.7	44.1	212.3	11.4	-	32.7	14	13
3255	Clay refractories	56.6	366.6	17.4	(S)	39.2	'63.9	355.9	'16.9	(S)	47.0	5	10
3259	Structural clay products, n.e.c.	26.6	87.2	5.7	-	20.9	'28.2	'75.7	'5.2	-	23.0	11	6
326	Pottery and related products	100.8	624.1	34.5	(S)	66.3	'117.3	'636.5	'35.4	-	'80.9	4	3
3261	Vitreous plumbing fixtures	41.1	237.9	12.1	(S)	29.0	43.9	219.5	11.4	-	32.5	1	2
3262	Vitreous china food utensils	12.2	65.3	3.9	-	8.3	14.4	64.3	3.9	-	10.5	2	2
3263	Fine earthenware food utensils	2.7	12.2	.8	-	1.9	4.3	16.8	1.1	-	3.2	17	18
3264	Porcelain electrical supplies	27.4	223.3	12.0	-	15.4	33.7	252.7	14.2	-	19.5	9	8
3269	Pottery products, n.e.c.	17.4	85.3	5.7	-	11.7	'21.0	'83.2	'5.8	-	'15.2	9	19
327	Concrete, gypsum, and plaster products	745.5	3 942.1	239.8	33.9	511.7	798.8	'3 773.0	223.8	41.7	575.0	3	4
3271	Concrete block and brick	52.4	322.6	21.3	(S)	31.1	47.0	273.1	18.7	(S)	29.3	6	8
3272	Concrete products, n.e.c.	92.6	583.0	38.6	-	54.0	94.3	'600.3	39.7	(S)	54.6	5	6
3273	Ready-mixed concrete	181.5	1 025.6	66.7	(S)	114.8	183.7	952.8	61.0	(S)	122.7	7	9
3274	Lime	188.9	888.5	46.9	(S)	142.0	207.1	904.7	46.4	(S)	160.7	7	10
3275	Gypsum products	230.1	1 122.5	60.3	(S)	169.8	266.7	1 042.1	58.0	(S)	208.7	4	3
328	Cut stone and stone products	19.2	229.9	12.7	-	6.5	18.4	212.3	12.3	-	6.1	10	12
3281	Cut stone and stone products	19.2	229.9	12.7	-	6.5	18.4	212.3	12.3	-	6.1	10	12
329	Miscellaneous nonmetallic mineral products	611.9	6 270.8	316.3	24.0	295.6	647.2	5 963.1	309.2	26.1	338.0	3	3
3291	Abrasive products	75.7	800.8	44.8	(S)	30.9	86.2	836.4	47.2	(S)	39.0	4	7
3292	Asbestos products	19.6	205.6	11.6	-	8.0	27.7	300.0	16.4	-	11.3	2	9
3293	Gaskets, packing, and sealing devices	51.7	581.7	37.0	(S)	14.7	54.1	578.2	38.0	(S)	16.1	5	12
3295	Minerals, ground or treated	112.8	767.6	43.8	(S)	69.0	107.3	653.1	38.0	(S)	69.3	19	9
3296	Mineral wool	282.4	3 369.1	149.5	(S)	132.9	296.4	3 077.8	140.5	(S)	155.9	1	1
3297	Nonclay refractories	37.9	315.9	17.9	-	20.0	39.6	292.8	16.9	-	22.7	6	10
3299	Nonmetallic mineral products, n.e.c.	31.8	230.1	11.7	-	20.1	35.9	225.0	12.2	-	23.7	9	10

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
33	**Primary metal industries**	**7 788.6**	**125 443.8**	**4 486.8**	**8 571.9**	**3 301.8**	**'9 267.7**	**'133 152.1**	**'4 972.4**	**7 419.5**	**'4 295.3**	**1**	**1**
331	Blast furnace and basic steel products	3 971.9	43 762.1	1 893.2	5 867.8	2 078.7	4 878.2	46 544.2	2 124.0	6 689.7	2 754.2	1	1
3312	Blast furnaces and steel mills	3 580.2	37 751.5	1 639.6	4 761.0	1 940.6	4 407.1	40 272.9	1 841.0	5 962.2	2 566.1	1	1
3313	Electrometallurgical products	116.2	3 264.3	94.4	(S)	21.8	173.0	3 430.1	119.7	(S)	53.3	5	12
3315	Steel wire and related products	94.0	1 037.9	58.3	(S)	35.7	94.4	1 010.4	57.1	(S)	37.3	5	7
3316	Cold finishing of steel shapes	92.1	885.0	47.9	(S)	44.2	95.4	848.2	47.3	(S)	48.1	3	6
3317	Steel pipe and tubes	69.4	823.4	53.0	-	36.4	108.3	982.6	58.9	(S)	49.4	4	2
332	Iron and steel foundries	831.5	8 976.3	486.8	(S)	344.7	933.8	9 409.9	506.6	5.9	427.2	2	2
3321	Gray iron foundries	625.7	6 339.3	341.9	(S)	283.8	697.2	6 605.2	350.3	(S)	346.9	3	2
3322	Malleable iron foundries	42.6	606.3	29.8	-	12.8	49.1	670.9	32.1	(S)	17.0	6	7
3324	Steel investment foundries	45.0	483.6	30.7	(S)	14.3	50.3	497.3	33.3	(S)	17.0	6	6
3325	Steel foundries, n.e.c.	118.2	1 547.2	84.4	(S)	33.8	137.2	1 636.5	90.9	(S)	46.3	5	11
333	Primary nonferrous metals	1 497.9	56 559.8	1 292.3	(S)	205.6	1 842.9	60 897.6	1 532.0	694.1	310.9	1	1
3331	Primary copper	104.5	1 224.5	43.7	(S)	60.8	111.3	812.2	36.8	(S)	74.5	1	1
3332	Primary lead	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3333	Primary zinc	53.2	891.5	30.3	(S)	22.9	61.4	986.4	35.0	(S)	26.4	1	1
3334	Primary aluminum	1 197.7	51 540.4	1 126.6	(S)	70.9	1 462.7	55 626.3	1 342.8	(S)	119.9	1	1
3339	Primary nonferrous metals, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
334	Secondary nonferrous metals	140.9	917.6	46.4	-	94.5	169.9	973.6	52.6	-	117.3	4	5
3341	Secondary nonferrous metals	140.9	917.6	46.4	-	94.5	169.9	973.6	52.6	-	117.3	4	5
335	Nonferrous rolling and drawing	913.1	11 208.0	534.0	20.8	379.1	982.8	11 345.8	520.5	18.1	422.3	2	2
3351	Copper rolling and drawing	138.3	1 792.1	89.6	(S)	48.7	149.6	1 757.1	92.2	(S)	57.4	4	3
3353	Aluminum sheet, plate, and foil	327.1	3 969.1	153.2	-	173.9	361.0	3 982.0	141.3	(S)	219.7	1	1
3354	Aluminum extruded products	158.1	1 496.5	84.1	-	74.0	164.6	1 446.2	81.1	(S)	83.5	5	4
3355	Aluminum rolling and drawing, n.e.c.	12.2	143.7	4.6	-	7.6	15.3	154.6	5.3	(S)	10.0	1	1
3356	Nonferrous rolling and drawing, n.e.c.	93.2	1 273.8	58.9	(S)	34.3	100.1	1 409.8	60.0	(S)	40.1	2	2
3357	Nonferrous wire drawing and insulating	184.2	2 532.8	143.6	(S)	40.6	192.2	2 596.0	140.6	(S)	51.6	2	7
336	Nonferrous foundries	255.8	2 483.4	139.3	5.7	116.5	274.5	2 488.5	139.3	5.5	135.2	4	4
3361	Aluminum foundries	184.7	1 740.1	92.3	(S)	92.4	201.8	1 757.9	93.7	(S)	108.1	4	4
3362	Brass, bronze, and copper foundries	32.3	341.2	23.5	-	8.8	33.3	360.2	23.4	(S)	9.9	10	20
3369	Nonferrous foundries, n.e.c.	38.8	402.1	23.5	-	15.3	39.4	370.4	22.2	(S)	17.2	7	8
339	Miscellaneous primary metal products	177.5	1 536.6	94.8	7.8	82.7	'185.6	'1 492.6	'97.4	8.2	'88.2	4	7
3398	Metal heat treating	108.9	777.4	51.7	(S)	57.2	'112.7	'789.5	52.2	(S)	'60.5	6	8
3399	Primary metal products, n.e.c.	68.6	759.2	43.1	(S)	25.5	'72.9	'703.1	'45.2	(S)	'27.7	5	10
34	**Fabricated metal products**	**2 587.2**	**27 340.3**	**1 648.9**	**(S)**	**938.3**	**2 730.6**	**27 974.1**	**1 672.1**	**107.5**	**1 058.5**	**2**	**3**
341	Metal cans and shipping containers	218.5	2 362.6	133.5	(S)	85.0	224.8	2 336.8	131.0	24.9	93.8	1	2
3411	Metal cans	194.3	2 205.0	121.3	(S)	73.0	199.5	2 117.1	119.0	(S)	80.5	1	1
3412	Metal barrels, drums, and pails	24.2	157.7	12.2	-	12.0	25.3	219.7	12.0	(S)	13.3	9	14
342	Cutlery, hand tools, and hardware	225.6	2 420.7	155.4	(S)	70.2	235.5	2 417.0	153.6	52.1	81.9	4	5
3421	Cutlery	17.4	148.6	11.0	(S)	6.4	20.5	149.2	11.3	(S)	9.2	5	6
3423	Hand and edge tools, n.e.c.	68.6	725.1	45.6	(S)	23.0	69.8	679.7	42.5	(S)	27.3	9	11
3425	Hand saws and saw blades	15.9	229.0	13.1	-	2.8	14.3	201.8	11.9	(S)	2.4	27	26
3429	Hardware, n.e.c.	123.7	1 318.1	85.7	(S)	38.0	130.9	1 386.2	87.9	(S)	43.0	3	5
343	Plumbing and heating, except electric	83.6	854.4	49.7	(S)	33.9	88.2	814.6	49.2	6.5	39.0	3	3
3431	Metal sanitary ware	27.4	320.3	15.0	(S)	12.4	30.9	309.1	15.2	(S)	15.7	3	4
3432	Plumbing fittings and brass goods	25.1	290.1	18.3	(S)	6.8	24.7	283.1	17.3	(S)	7.4	4	4
3433	Heating equipment, except electric	31.1	244.0	16.4	(S)	14.7	32.6	242.5	16.7	(S)	15.9	5	4
344	Fabricated structural metal products	453.6	4 835.0	285.4	5.4	168.2	471.7	4 922.4	288.6	1.3	183.1	2	3
3441	Fabricated structural metal	102.9	1 155.6	69.0	(S)	33.9	106.9	1 122.0	66.1	(S)	38.8	6	5
3442	Metal doors, sash, and trim	72.7	662.4	44.5	(S)	28.2	73.4	639.2	43.5	(S)	29.9	4	8
3443	Fabricated plate work (boiler shops)	109.7	1 127.7	67.7	(S)	42.0	117.1	1 191.9	70.6	(S)	46.5	3	4
3444	Sheet metal work	91.6	1 052.0	51.6	(S)	40.0	96.8	1 163.7	54.0	(S)	42.8	3	4
3446	Architectural metal work	28.0	263.9	18.3	(S)	9.7	26.5	258.4	17.8	(S)	8.7	5	6
3448	Prefabricated metal buildings	23.2	260.9	14.8	(S)	8.4	25.2	264.9	16.0	(S)	9.2	5	7
3449	Miscellaneous metal work	25.5	312.4	19.5	(S)	6.0	25.9	282.3	18.6	(S)	7.2	5	16
345	Screw machine products, bolts, etc.	145.8	1 482.1	104.6	(S)	41.2	155.9	1 486.7	105.6	-	50.3	4	5
3451	Screw machine products	48.1	501.4	36.7	(S)	11.4	50.2	512.8	37.8	-	12.4	6	7
3452	Bolts, nuts, rivets, and washers	97.7	980.7	67.9	-	29.8	105.7	973.9	67.8	-	37.9	4	6
346	Metal forgings and stampings	605.6	6 116.6	374.8	16.5	230.8	660.6	6 786.5	394.1	1.9	266.5	4	6
3462	Iron and steel forgings	153.4	1 131.3	72.7	-	80.7	191.2	1 270.8	88.6	(S)	102.6	3	6
3463	Nonferrous forgings	45.3	340.3	22.3	(S)	23.0	53.6	355.7	23.5	(S)	30.1	4	5
3465	Automotive stampings	234.3	3 010.6	173.5	(S)	60.8	226.6	2 967.0	168.4	(S)	58.2	8	21
3466	Crowns and closures	25.9	277.6	14.1	(S)	11.8	25.7	259.6	13.5	(S)	12.2	8	14
3469	Metal stampings, n.e.c.	146.7	1 356.8	92.2	(S)	54.5	163.5	1 933.4	100.1	(S)	63.4	3	5
347	Metal services, n.e.c.	305.0	2 563.4	164.1	16.2	140.9	315.7	2 616.1	165.2	21.5	150.5	3	5
3471	Plating and polishing	182.0	1 532.1	104.3	(S)	77.7	190.3	1 652.2	108.0	(S)	82.3	4	8
3479	Metal coating and allied services	123.0	1 031.4	59.8	-	63.2	125.4	963.8	57.2	(S)	68.2	6	6
348	Ordnance and accessories, n.e.c.	124.7	1 771.2	84.3	(S)	40.4	130.5	1 701.5	83.3	(S)	47.2	4	25
3482	Small arms ammunition	7.2	197.2	7.5	-	(S)	(S)	213.3	8.6	(S)	(S)	31	(X)
3483	Ammunition, except for small arms, n.e.c.	60.3	660.3	34.9	(S)	25.4	66.7	644.5	36.0	(S)	30.7	2	2
3484	Small arms	19.2	205.7	13.9	(S)	5.3	16.7	186.5	12.6	(S)	4.1	9	24
3489	Ordnance and accessories, n.e.c.	38.1	708.0	28.0	(S)	10.1	38.7	657.3	26.1	(S)	12.6	2	2
349	Miscellaneous fabricated metal products	424.8	4 934.3	297.1	(S)	127.7	447.7	4 892.5	301.5	.7	146.2	2	3
3493	Steel springs, except wire	13.6	91.8	6.0	-	7.6	16.2	89.5	6.0	(S)	10.2	6	9
3494	Valves and pipe fittings	153.2	1 940.2	113.8	(S)	39.4	163.7	1 903.9	115.4	(S)	48.3	2	3
3495	Wire springs	26.7	283.8	18.4	-	8.3	27.5	280.8	18.6	(S)	8.9	13	14
3496	Miscellaneous fabricated wire products	51.4	581.9	35.3	(S)	16.1	53.7	555.3	35.8	(S)	17.9	5	8
3497	Metal foil and leaf	52.9	741.2	38.8	-	14.1	56.7	787.5	40.5	(S)	16.2	1	2
3498	Fabricated pipe and fittings	31.3	293.7	21.7	-	9.6	36.4	351.8	23.8	(S)	12.6	10	12
3499	Fabricated metal products, n.e.c.	95.7	1 001.6	63.1	(S)	32.6	93.5	923.7	61.4	(S)	32.1	4	5

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
35	**Machinery, except electrical**	**2 497.0**	**29 983.9**	**1 840.2**	**(S)**	**656.8**	**'2 620.3**	**'30 273.8**	**'1 874.1**	**(S)**	**'746.2**	1	2
351	Engines and turbines	190.3	2 355.7	131.4	(S)	58.9	207.3	2 461.8	138.2	(S)	69.1	1	1
3511	Turbines and turbine generator sets	42.9	503.8	32.0	(S)	10.9	52.1	554.3	35.3	(S)	16.8	3	5
3519	Internal combustion engines, n.e.c.	147.4	1 852.0	99.4	(S)	48.0	155.2	1 907.5	102.9	(S)	52.3	1	1
352	Farm and garden machinery	127.9	1 342.9	77.7	(S)	50.2	148.2	1 554.6	84.6	(S)	63.6	2	2
3523	Farm machinery and equipment	99.7	1 044.4	60.3	(S)	39.4	118.5	1 241.2	66.4	(S)	52.1	3	3
3524	Lawn and garden equipment	28.2	298.5	17.4	(S)	10.8	29.7	313.4	18.2	(S)	11.5	2	3
353	Construction and related machinery	337.2	4 153.0	231.4	(S)	105.8	381.4	4 414.8	254.3	(S)	127.1	2	3
3531	Construction machinery	175.8	2 246.1	117.4	(S)	58.4	191.0	2 211.5	121.4	(S)	69.6	2	3
3532	Mining machinery	26.5	306.1	17.9	-	8.6	24.5	292.5	16.3	(S)	8.2	15	14
3533	Oil field machinery	55.1	766.8	43.3	(S)	11.8	85.2	1 090.7	65.5	(S)	19.7	5	6
3534	Elevators and moving stairways	11.2	103.3	7.0	-	4.2	10.9	115.1	6.7	(S)	4.2	5	4
3535	Conveyors and conveying equipment	30.6	299.6	20.3	(S)	10.3	32.3	296.1	20.1	(S)	12.2	4	5
3536	Hoists, cranes, and monorails	14.0	132.3	8.5	-	5.5	13.6	126.6	8.1	(S)	5.5	11	17
3537	Industrial trucks and tractors	24.0	298.9	17.0	-	7.0	23.9	280.3	16.2	(S)	7.7	9	9
354	Metalworking machinery	298.0	3 520.5	223.3	(S)	74.7	298.2	3 329.8	219.9	(S)	78.3	2	5
3541	Machine tools, metal cutting types	55.3	634.5	39.8	(S)	15.5	57.1	633.0	40.2	(S)	16.9	3	11
3542	Machine tools, metal forming types	21.6	259.6	15.1	-	6.5	22.9	257.7	15.5	(S)	7.4	4	11
3544	Special dies, tools, jigs, and fixtures	107.2	1 229.6	77.4	(S)	29.8	102.1	1 052.2	73.7	(S)	28.4	4	8
3545	Machine tool accessories	62.0	766.1	50.6	(S)	11.4	64.7	765.6	51.3	(S)	13.4	5	14
3546	Power driven hand tools	22.6	323.7	19.0	-	3.6	22.4	325.4	18.5	(S)	3.9	2	3
3547	Rolling mill machinery	9.0	81.2	5.6	(S)	3.4	9.9	91.3	6.2	(S)	3.7	3	3
3549	Metalworking machinery, n.e.c.	20.3	225.8	15.8	-	4.5	19.1	204.7	14.5	(S)	4.6	11	26
355	Special industry machinery	192.4	2 107.7	131.9	(S)	60.5	198.2	2 144.3	134.0	(S)	64.2	5	4
3551	Food products machinery	26.2	267.3	16.9	-	9.3	29.2	282.0	18.0	(S)	11.2	5	8
3552	Textile machinery	23.2	262.4	14.0	(S)	9.2	22.0	259.3	13.2	(S)	8.8	7	7
3553	Woodworking machinery	8.7	122.4	6.4	-	2.3	8.6	105.6	6.2	(S)	2.4	8	17
3554	Paper industries machinery	19.5	204.4	13.0	-	6.5	19.0	200.4	12.7	(S)	6.3	7	12
3555	Printing trades machinery	29.1	274.2	20.5	(S)	8.6	30.2	293.0	21.3	(S)	8.9	5	12
3559	Special industry machinery, n.e.c.	85.7	977.0	61.1	(S)	24.6	89.2	1 004.0	62.6	(S)	26.6	10	6
356	General industrial machinery	396.7	(S)	288.3	(S)	108.4	408.1	4 829.1	286.2	(S)	121.9	2	3
3561	Pumps and pumping equipment	74.5	(S)	58.4	(S)	16.1	77.0	(S)	58.6	(S)	18.4	2	5
3562	Ball and roller bearings	101.8	1 438.3	73.0	-	28.8	102.1	1 379.0	71.6	(S)	30.5	2	2
3563	Air and gas compressors	34.8	375.8	24.3	(S)	10.5	38.4	396.4	25.2	(S)	13.2	2	3
3564	Blowers and fans	28.0	302.1	19.3	-	8.7	27.6	297.6	18.7	(S)	8.9	5	8
3565	Industrial patterns	9.4	(S)	7.6	-	1.8	12.0	(S)	8.6	(S)	3.4	31	80
3566	Speed changers, drives, and gears	30.8	337.6	21.4	(S)	9.4	30.3	328.8	20.0	(S)	10.3	6	7
3567	Industrial furnaces and ovens	15.2	162.6	10.7	(S)	4.5	16.2	162.7	10.6	(S)	5.6	5	11
3568	Power transmission equipment, n.e.c.	41.3	510.5	29.9	(S)	11.4	44.1	541.8	30.3	(S)	13.8	4	13
3569	General industrial machinery, n.e.c.	60.9	641.8	43.7	(S)	17.2	60.4	629.4	42.6	(S)	17.8	5	5
357	Office and computing machines	431.5	(S)	381.3	(S)	50.2	'450.6	(S)	'388.0	(S)	'62.6	2	4
3573	Electronic computing equipment	380.2	(S)	343.8	(S)	36.4	398.3	(S)	351.3	(S)	47.0	2	5
3574	Calculating and accounting machines	9.5	118.8	6.0	-	3.5	'10.1	168.7	'6.1	(S)	'4.0	6	5
3576	Scales and balances, except laboratory	4.7	58.9	3.7	-	1.0	4.6	55.0	3.4	(S)	1.2	5	10
3579	Office machines, n.e.c., and typewriters	37.1	464.0	27.8	(S)	9.3	37.6	445.9	27.2	(S)	10.4	2	2
358	Refrigeration and service machinery	238.5	2 962.8	164.0	(S)	74.5	240.7	2 928.9	159.4	(S)	81.3	2	5
3581	Automatic merchandising machines	8.3	78.4	5.2	-	3.1	8.4	75.7	5.1	(S)	3.3	9	16
3582	Commercial laundry equipment	4.4	40.8	3.0	-	1.4	4.3	38.7	2.9	(S)	1.4	10	22
3585	Refrigeration and heating equipment	189.4	2 486.5	132.0	(S)	57.4	194.1	2 495.9	129.9	(S)	64.2	2	6
3586	Measuring and dispensing pumps	7.7	81.8	4.8	-	2.9	7.9	85.2	4.9	(S)	3.0	3	2
3589	Service industry machinery, n.e.c.	28.7	275.2	19.0	(S)	9.7	26.0	233.3	16.6	(S)	9.4	5	12
359	Miscellaneous machinery, except electrical	284.5	2 410.8	210.9	(S)	73.6	287.6	2 612.0	209.5	(S)	78.1	4	5
3592	Carburetors, pistons, rings, valves	62.4	814.8	48.0	(S)	16.4	64.5	875.2	47.3	(S)	17.2	1	7
3599	Machinery, except electrical, n.e.c.	222.1	1 596.0	164.9	(S)	57.2	223.1	1 736.9	162.2	(S)	60.9	5	8
36	**Electric and electronic equipment**	**2 471.8**	**33 936.2**	**1 955.9**	**(S)**	**515.9**	**2 513.8**	**32 823.0**	**1 909.7**	**(S)**	**514.1**	1	2
361	Electric distributing equipment	116.3	2 006.1	85.0	(S)	31.3	118.9	1 942.3	85.0	(S)	33.9	3	3
3612	Transformers	56.6	770.1	39.7	(S)	16.9	58.3	759.2	39.7	(S)	18.6	1	1
3613	Switchgear and switchboard apparatus	59.7	1 235.9	45.3	(S)	14.4	60.6	1 183.1	45.3	(S)	15.3	4	6
362	Electrical industrial apparatus	267.0	3 786.5	194.5	(S)	72.5	286.2	3 899.6	200.0	(S)	86.2	2	2
3621	Motors and generators	98.6	1 359.0	74.0	(S)	24.6	98.0	1 286.9	69.6	(S)	28.4	2	3
3622	Industrial controls	47.9	603.2	37.0	-	10.9	50.0	609.8	38.3	(S)	11.7	5	9
3623	Welding apparatus, electric	24.8	272.7	17.9	-	6.9	27.7	264.7	16.9	(S)	8.8	3	3
3624	Carbon and graphite products	78.5	1 331.7	51.9	(S)	26.6	91.3	1 503.1	58.8	(S)	32.5	2	2
3629	Electrical industrial apparatus, n.e.c.	17.2	219.9	13.7	(S)	3.5	19.2	235.0	14.4	(S)	4.8	4	14
363	Household appliances	201.2	2 476.3	129.0	(S)	72.2	209.7	2 416.9	126.0	(S)	83.7	1	3
3631	Household cooking equipment	39.2	419.2	21.6	(S)	17.6	44.5	453.5	23.2	(S)	21.3	1	1
3632	Household refrigerators and freezers	38.5	544.6	26.9	-	11.6	37.8	484.0	23.4	(S)	14.4	1	1
3633	Household laundry equipment	39.6	503.1	25.4	-	14.2	42.4	487.9	25.1	(S)	17.3	1	2
3634	Electric housewares and fans	30.8	417.4	24.1	-	6.7	33.0	434.6	24.7	(S)	8.3	3	29
3635	Household vacuum cleaners	12.9	190.2	9.5	-	3.4	12.6	176.5	8.9	(S)	3.7	3	3
3636	Sewing machines	2.0	22.0	1.5	-	.5	2.8	25.4	2.0	(S)	.8	3	15
3639	Household appliances, n.e.c.	38.2	379.9	20.0	-	18.2	36.6	355.0	18.7	(S)	17.9	1	3
364	Electric lighting and wiring equipment	248.9	2 784.3	169.7	-	79.2	242.3	2 666.7	161.3	(S)	81.0	2	4
3641	Electric lamps	46.4	537.2	27.9	-	18.5	48.3	563.5	29.3	(S)	19.0	2	2
3643	Current-carrying wiring devices	52.9	596.9	40.0	-	12.9	50.5	570.6	37.8	(S)	12.7	3	4
3644	Noncurrent-carrying wiring devices	57.8	669.5	42.5	-	15.3	59.1	644.3	40.6	(S)	18.5	2	3
3645	Residential lighting fixtures	19.9	157.2	11.8	-	8.1	19.5	140.2	11.4	(S)	8.1	8	10
3646	Commercial lighting fixtures	25.9	211.6	14.0	-	11.9	24.1	192.8	13.2	(S)	10.3	8	8
3647	Vehicular lighting equipment	23.7	410.1	19.2	-	4.5	21.4	366.4	16.3	(S)	5.1	4	9
3648	Lighting equipment, n.e.c.	22.3	201.7	14.3	-	8.0	19.4	188.9	12.7	(S)	6.7	18	35
365	Radio and TV receiving equipment	67.0	929.2	48.7	(S)	18.3	66.5	874.6	46.7	(S)	19.8	3	5
3651	Radio and TV receiving sets	46.9	673.4	35.4	(S)	11.5	41.9	624.9	32.6	(S)	9.3	4	3
3652	Phonograph records and prerecorded tape	20.1	255.8	13.3	-	6.8	24.6	249.6	14.1	(S)	10.5	6	13

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
36	**Electric and electronic equipment**—Con.												
366	Communication equipment	567.2	7 790.0	494.3	(S)	72.9	558.6	7 435.6	470.5	(S)	88.1	1	2
3661	Telephone and telegraph apparatus	91.3	1 342.7	76.4	(S)	14.9	110.0	1 473.3	86.0	(S)	24.0	1	3
3662	Radio and TV communication equipment	475.9	6 447.3	417.9	(S)	58.0	448.6	5 962.3	384.5	(S)	64.1	1	2
367	Electronic components and accessories	792.2	11 187.0	671.3	(S)	120.9	814.6	10 748.9	658.6	(S)	156.0	1	3
3671	Electron tubes, all types	60.5	845.3	46.6	(S)	13.9	63.4	787.6	44.6	(S)	18.8	3	3
3674	Semiconductors and related devices	381.6	5 809.9	335.7	(S)	45.9	393.2	5 550.5	331.5	(S)	61.7	1	2
3675	Electronic capacitors	30.6	477.7	26.0	-	4.6	34.4	516.4	28.9	(S)	5.5	3	2
3676	Electronic resistors	19.7	286.3	17.9	(S)	1.8	19.6	281.7	17.7	(S)	1.9	8	19
3677	Electronic coils and transformers	10.4	117.2	7.8	(S)	2.6	11.2	128.5	8.3	(S)	2.9	9	12
3678	Electronic connectors	40.0	530.6	35.1	(S)	4.9	38.5	498.8	32.5	(S)	6.0	3	6
3679	Electronic components, n.e.c.	249.4	3 119.9	202.2	(S)	47.2	254.3	2 985.3	195.1	(S)	59.2	3	8
369	Miscellaneous electrical equipment	212.0	2 976.8	163.4	(S)	48.6	217.0	2 838.3	151.6	(S)	55.4	2	1
3691	Storage batteries	83.3	1 249.5	53.9	-	19.4	83.6	1 154.7	62.2	(S)	21.4	2	1
3692	Primary batteries, dry and wet	16.5	254.9	13.4	-	3.1	15.9	238.4	12.2	(S)	3.7	4	3
3693	X-ray and electromedical apparatus	31.2	417.0	27.4	(S)	3.8	35.5	433.2	30.1	(S)	5.4	2	3
3694	Engine electrical equipment	55.5	788.9	42.1	(S)	13.4	56.8	778.2	42.0	(S)	14.8	2	2
3699	Electrical equipment and supplies, n.e.c.	25.5	266.6	16.6	(S)	8.9	25.2	233.8	15.1	(S)	10.1	7	3
37	**Transportation equipment**	**2 720.4**	**35 831.1**	**1 948.5**	**(S)**	**771.9**	**2 798.9**	**34 536.5**	**1 898.9**	**(S)**	**900.0**	**1**	**1**
371	Motor vehicles and equipment	1 595.7	20 517.1	1 070.8	(S)	524.9	1 641.5	19 980.2	1 037.6	(S)	603.9	1	1
3711	Motor vehicles and car bodies	682.6	8 108.8	421.7	(S)	260.9	704.4	7 741.9	401.0	(S)	303.4	1	1
3713	Truck and bus bodies	37.0	486.4	23.1	(S)	13.9	36.1	463.1	21.5	(S)	14.6	6	6
3714	Motor vehicle parts and accessories	840.7	11 587.1	604.1	(S)	236.6	864.2	11 429.7	593.5	(S)	270.7	1	2
3715	Truck trailers	25.8	283.3	17.0	(S)	8.8	27.5	277.6	16.8	(S)	10.7	7	10
3716	Motor homes produced on purchased chassis	9.6	71.5	4.9	-	4.7	9.3	67.9	4.6	(S)	4.5	9	11
372	Aircraft and parts	657.7	9 325.0	516.2	(S)	141.5	665.6	8 713.1	495.6	(S)	170.0	1	1
3721	Aircraft	269.2	3 905.2	214.4	(S)	54.8	266.0	3 526.3	196.8	(S)	69.2	1	1
3724	Aircraft engines and engine parts	164.4	2 270.1	124.6	(S)	39.8	186.0	2 336.7	133.3	(S)	52.7	2	3
3728	Aircraft equipment, n.e.c.	224.1	3 149.6	177.2	(S)	46.9	213.6	2 850.1	165.5	(S)	48.1	1	2
373	Ship and boat building and repairing	149.0	2 024.8	114.4	(S)	34.6	162.7	2 008.7	119.9	(S)	42.8	2	3
3731	Ship building and repairing	116.7	1 653.3	91.9	(S)	24.8	132.9	1 684.0	99.0	(S)	33.9	1	3
3732	Boat building and repairing	32.3	371.5	22.5	-	9.8	29.8	324.7	20.9	(S)	8.9	5	8
374	Railroad equipment	50.8	439.9	29.5	(S)	21.3	55.8	488.1	30.6	(S)	25.2	2	2
3743	Railroad equipment	50.8	439.9	29.5	(S)	21.3	55.8	488.1	30.6	(S)	25.2	2	2
375	Motorcycles, bicycles, and parts	11.2	126.1	6.4	-	4.8	12.9	128.4	7.2	(S)	5.7	4	3
3751	Motorcycles, bicycles, and parts	11.2	126.1	6.4	-	4.8	12.9	128.4	7.2	(S)	5.7	4	3
376	Guided missiles, space vehicles, parts	221.7	3 038.2	189.2	(S)	32.5	220.8	2 814.8	182.2	(S)	38.6	1	1
3761	Guided missiles and space vehicles	157.2	2 200.1	139.4	(S)	17.8	148.8	1 890.5	128.6	(S)	20.2	1	1
3764	Space propulsion units and parts	41.9	560.8	31.4	-	10.5	41.5	518.5	29.4	(S)	12.1	1	1
3769	Space vehicle equipment, n.e.c.	22.6	275.3	18.4	(S)	4.2	30.5	405.8	24.2	(S)	6.3	1	1
379	Miscellaneous transportation equipment	34.3	362.1	22.0	(S)	12.3	39.6	403.2	25.8	(S)	13.8	5	6
3792	Travel trailers and campers	7.9	68.5	4.8	(S)	3.1	7.1	56.5	4.1	(S)	3.0	17	12
3795	Tanks and tank components	16.2	174.9	10.5	-	5.7	22.9	239.2	15.7	(S)	7.2	2	2
3799	Transportation equipment, n.e.c.	10.2	118.8	6.7	(S)	3.5	9.6	107.5	6.0	(S)	3.6	5	15
38	**Instruments and related products**	**638.9**	**7 631.7**	**460.2**	**(S)**	**178.7**	**669.1**	**7 329.9**	**460.2**	**(S)**	**208.9**	**2**	**2**
381	Engineering and scientific instruments	39.2	536.3	30.6	(S)	8.6	38.9	518.0	29.8	(S)	9.1	11	12
3811	Engineering and scientific instruments	39.2	536.3	30.6	(S)	8.6	38.9	518.0	29.8	(S)	9.1	11	12
382	Measuring and controlling devices	189.0	2 561.9	153.4	(S)	35.6	193.2	2 380.1	149.7	(S)	43.5	2	2
3822	Environmental controls	24.8	356.8	19.9	-	4.9	25.8	346.2	19.4	(S)	6.4	2	2
3823	Process control instruments	46.5	535.1	37.5	(S)	9.0	50.4	555.7	37.6	(S)	12.8	3	4
3824	Fluid meters and counting devices	11.1	142.3	8.1	-	3.0	11.4	136.4	7.9	(S)	3.5	6	8
3825	Instruments to measure electricity	74.7	1 176.9	62.1	(S)	12.6	75.0	1 003.0	60.6	(S)	14.4	2	4
3829	Measuring and controlling devices, n.e.c.	31.9	350.7	25.8	(S)	6.1	30.6	338.6	24.2	(S)	6.4	3	5
383	Optical instruments and lenses	53.6	651.9	43.8	-	9.8	60.5	669.0	50.8	(S)	9.7	4	14
3832	Optical instruments and lenses	53.6	651.9	43.8	-	9.8	60.5	669.0	50.8	(S)	9.7	4	14
384	Medical instruments and supplies	146.1	1 906.6	115.4	(S)	30.7	145.5	1 793.5	111.8	(S)	33.7	2	4
3841	Surgical and medical instruments	59.4	822.8	49.8	(S)	9.6	59.4	790.2	48.8	(S)	10.6	4	6
3842	Surgical appliances and supplies	74.6	926.6	56.5	(S)	18.1	74.9	870.5	54.7	(S)	20.2	3	6
3843	Dental equipment and supplies	12.1	157.2	9.1	-	3.0	11.2	132.9	8.3	(S)	2.9	7	22
385	Ophthalmic goods	24.7	281.0	19.1	(S)	5.6	27.5	272.2	19.0	(S)	8.5	6	18
3851	Ophthalmic goods	24.7	281.0	19.1	(S)	5.6	27.5	272.2	19.0	(S)	8.5	6	18
386	Photographic equipment and supplies	176.6	1 567.2	90.2	(S)	86.4	193.8	1 574.0	91.5	(S)	102.3	1	1
3861	Photographic equipment and supplies	176.6	1 567.2	90.2	(S)	86.4	193.8	1 574.0	91.5	(S)	102.3	1	1
387	Watches, clocks, and watchcases	9.7	126.7	7.7	-	2.0	9.7	123.2	7.6	(S)	2.1	5	7
3873	Watches, clocks, and watchcases	9.7	126.7	7.7	-	2.0	9.7	123.2	7.6	(S)	2.1	5	7

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986					1985					Standard error of estimate[1] (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
		A	B	C	D	E	F	G	H	I	J	C	E
39	**Miscellaneous manufacturing industries**	**332.2**	**3 554.5**	**227.3**	**4.6**	**104.9**	**340.6**	**3 485.8**	**225.4**	**(B)**	**'115.2**	**2**	**4**
391	Jewelry, silverware, and plated ware	27.4	253.5	18.2	-	9.2	30.0	335.4	20.4	(S)	9.6	9	13
3911	Jewelry, precious metal	16.3	159.6	12.2	-	4.1	16.3	224.0	11.9	(S)	4.4	10	22
3914	Silverware and plated ware	6.1	57.6	3.0	-	3.1	8.1	69.4	4.8	(S)	3.3	39	4
3915	Jewelers' materials and lapidary work	5.0	36.3	3.0	-	2.0	5.6	42.1	3.7	(S)	1.9	11	35
393	Musical instruments	14.5	207.6	9.5	-	5.1	13.1	195.3	9.1	(S)	4.0	6	6
3931	Musical instruments	14.6	207.6	9.5	-	5.1	13.1	195.3	9.1	(S)	4.0	6	6
394	Toys and sporting goods	89.3	1 007.4	62.2	(S)	27.1	92.5	1 006.8	63.2	(S)	29.3	5	5
3942	Dolls	3.2	34.9	2.4	-	.8	3.2	33.7	2.3	(S)	.9	20	25
3944	Games, toys, and children's vehicles	33.1	406.6	25.2	(S)	7.9	35.6	428.0	26.9	(S)	8.7	9	7
3949	Sporting and athletic goods, n.e.c.	53.0	566.0	34.6	(S)	18.4	53.7	545.1	34.0	(S)	19.7	5	7
395	Pens, pencils, and office and art supplies	28.3	316.3	21.7	(S)	6.6	28.0	285.3	20.2	(S)	7.8	6	10
3951	Pens and mechanical pencils	9.2	107.2	8.0	(S)	1.2	9.6	111.3	7.8	(S)	1.8	6	13
3952	Lead pencils and art goods	6.4	79.7	4.5	-	1.9	6.4	71.1	4.3	(S)	2.1	3	5
3953	Marking devices	5.2	57.7	3.9	-	1.3	4.5	36.9	3.1	(S)	1.4	25	36
3955	Carbon paper and inked ribbons	7.5	71.7	5.3	(S)	2.2	7.5	64.0	5.0	(S)	2.5	9	18
396	Costume jewelry and notions	40.4	402.6	28.2	(S)	12.2	41.9	413.7	28.2	(S)	13.7	7	8
3961	Costume jewelry	12.9	100.9	8.2	-	4.7	12.9	94.1	7.9	(S)	5.0	16	18
3962	Artificial flowers	6.1	56.0	3.9	-	2.2	5.7	47.9	3.1	(S)	2.6	32	10
3963	Buttons	3.8	27.0	2.5	(S)	1.3	3.7	24.8	2.5	(S)	1.2	18	22
3964	Needles, pins, and fasteners	17.6	218.8	13.6	(S)	4.0	19.6	246.9	14.7	(S)	4.9	3	10
399	Miscellaneous manufactures	132.2	1 367.1	87.5	(S)	44.7	135.1	1 249.3	84.3	(S)	50.8	3	9
3991	Brooms and brushes	11.8	154.5	8.4	-	3.4	11.7	156.8	8.4	(S)	3.3	6	11
3993	Signs and advertising displays	39.4	344.0	25.1	(S)	14.3	44.9	342.6	26.1	(S)	18.8	8	22
3995	Burial caskets	10.2	94.0	5.7	(S)	4.5	10.3	95.8	5.7	(S)	4.6	8	38
3996	Hard surface floor coverings	28.1	328.5	19.0	-	9.1	27.7	270.4	18.4	(S)	11.3	2	2
3999	Manufacturing industries, n.e.c.	42.7	446.2	29.3	(S)	13.4	40.5	383.7	27.7	(S)	12.8	4	7

[1]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
	All industries	**76 354.5**	**13 482.9**	**62 871.6**	**4 440.6**	**1 363.0**	**3 077.6**	**'83 058.3**	**'15 141.1**	**'67 917.2**	**8 186.6**	**2 635.0**	**5 551.6**	**1**	**2**
20	Food and kindred products	6 966.2	1 414.1	5 552.1	332.7	117.8	214.9	7 048.7	1 386.5	5 662.2	812.8	215.8	597.0	1	4
21	Tobacco products	659.1	75.6	583.5	5.6	.2	5.4	668.5	157.6	510.9	11.5	2.8	8.7	1	15
22	Textile mill products	1 598.3	228.8	1 369.5	239.4	49.0	190.4	1 863.3	269.3	1 594.0	166.0	33.2	132.8	2	3
23	Apparel and other textile products	883.7	137.4	746.3	70.8	40.1	30.7	697.1	144.0	553.1	68.5	31.7	36.8	3	7
24	Lumber and wood products	1 657.2	291.1	1 366.1	218.1	43.6	174.5	1 683.5	252.3	1 411.2	231.5	52.0	179.5	4	8
25	Furniture and fixtures	778.0	224.6	553.4	52.7	26.0	26.7	763.3	209.4	553.9	78.9	48.6	30.3	4	12
26	Paper and allied products	6 084.4	754.9	5 329.5	375.3	43.2	332.1	'6 272.7	'565.9	'5 706.8	248.5	57.9	190.6	1	5
27	Printing and publishing	4 385.0	880.6	3 504.4	373.8	109.2	264.6	4 715.3	966.1	3 749.2	376.9	106.2	270.7	2	7
28	Chemicals and allied products	7 907.4	1 288.1	6 619.3	206.2	71.6	134.6	8 180.5	1 407.7	6 772.8	1 026.9	170.3	856.6	2	5
29	Petroleum and coal products	2 577.5	420.3	2 157.2	90.3	36.0	54.3	3 438.0	1 215.2	2 222.8	83.8	9.4	74.4	2	7
30	Rubber and miscellaneous plastics products	2 998.1	401.4	2 596.7	223.9	75.2	148.7	3 429.7	573.3	2 856.4	779.1	526.9	252.2	3	7
31	Leather and leather products	83.2	21.1	62.1	11.2	4.4	6.8	103.4	25.6	77.8	13.7	4.4	9.3	7	17
32	Stone, clay, and glass products	2 332.6	289.5	2 043.1	158.4	34.2	124.2	'2 773.7	'403.8	'2 389.9	293.4	49.5	243.9	3	7
33	Primary metal industries	3 180.4	387.0	2 793.4	174.4	38.8	135.6	'4 680.0	'606.3	'4 073.7	617.8	169.6	448.2	1	4
34	Fabricated metal products	4 485.0	624.2	3 860.8	485.8	158.2	327.6	4 345.6	709.9	3 635.7	491.0	128.0	363.0	2	5
35	Machinery, except electrical	6 690.6	1 060.2	5 630.4	504.3	161.2	343.1	8 323.0	1 326.7	6 996.3	802.2	192.7	609.5	2	3
36	Electric and electronic equipment	9 059.8	1 878.6	7 181.2	378.1	164.9	213.2	10 466.3	2 088.2	8 378.1	902.9	429.3	473.6	1	2
37	Transportation equipment	11 295.3	2 563.2	8 732.1	332.6	108.1	224.5	10 377.7	2 179.9	8 197.8	799.9	288.8	511.1	1	3
38	Instruments and related products	2 277.3	409.7	1 867.6	142.9	57.3	85.6	2 581.2	503.5	2 077.7	299.6	78.7	220.9	3	12
39	Miscellaneous manufacturing industries	655.4	132.5	522.9	64.1	24.0	40.1	666.8	149.9	516.9	81.7	39.2	42.5	4	12

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
20	**Food and kindred products**	**6 966.2**	**1 414.1**	**5 552.1**	**332.7**	**117.8**	**214.9**	**7 048.7**	**1 386.5**	**5 662.2**	**812.8**	**215.8**	**597.0**	**1**	**4**
201	Meat products	855.5	230.0	625.5	44.0	17.9	26.1	716.5	219.9	496.6	78.6	23.5	55.1	3	4
2011	Meat packing plants	256.9	60.3	196.6	16.1	4.7	11.4	249.9	73.0	176.9	27.5	7.2	20.3	5	5
2013	Sausages and other prepared meats	232.4	64.9	167.5	12.3	7.5	4.8	210.6	74.7	135.9	31.8	10.7	21.1	7	10
2016	Poultry dressing plants	278.3	80.1	198.2	2.3	.7	1.6	208.4	60.8	147.6	9.5	3.2	6.3	2	6
2017	Poultry and egg processing	85.9	24.7	61.2	13.3	5.0	8.3	47.6	11.4	36.2	9.8	2.4	7.4	11	1
202	Dairy products	672.0	150.2	521.8	56.7	22.3	34.4	671.3	153.7	517.6	255.8	68.8	187.0	5	7
2021	Creamery butter	8.0	1.8	6.2	.2	.1	.1	10.5	2.8	7.7	.5	.1	.4	10	28
2022	Cheese, natural and processed	140.1	32.0	108.1	6.4	1.9	4.5	133.3	26.5	106.8	7.8	1.0	6.8	21	38
2023	Condensed and evaporated milk	120.7	29.8	90.9	6.2	2.7	3.5	(D)	(D)	(D)	(D)	(D)	(D)	2	4
2024	Ice cream and frozen desserts	105.4	19.6	85.8	13.5	6.6	6.9	(D)	(D)	(D)	(D)	(D)	(D)	5	4
2026	Fluid milk	297.8	67.0	230.8	30.4	11.0	19.4	322.3	78.7	243.6	133.3	38.4	94.9	3	9
203	Preserved fruits and vegetables	1 015.1	206.0	809.1	47.5	18.2	29.3	1 006.5	190.7	815.8	137.0	38.7	98.3	3	21
2032	Canned specialties	178.8	31.9	146.9	4.1	2.0	2.1	113.6	19.7	93.9	1.8	–	1.8	3	5
2033	Canned fruits and vegetables	240.0	57.0	183.0	13.6	3.9	9.7	264.1	58.9	205.2	24.2	6.9	17.3	7	5
2034	Dehydrated fruits, vegetables, and soups	47.1	9.0	38.1	.5	–	.5	61.4	6.4	55.0	1.1	.2	.9	16	50
2035	Pickles, sauces, and salad dressings	147.0	24.0	123.0	2.6	2.0	.6	129.5	12.7	116.8	.8	.4	.4	12	3
2037	Frozen fruits and vegetables	196.4	39.7	156.7	3.7	.4	3.3	213.5	36.9	176.6	66.2	19.1	47.1	5	15
2038	Frozen specialties	205.8	44.4	161.4	23.0	9.9	13.1	224.4	56.1	168.3	42.9	12.1	30.8	2	43
204	Grain mill products	1 027.9	173.4	854.5	24.9	6.7	18.2	1 078.9	164.0	914.9	67.9	21.6	46.3	2	5
2041	Flour and other grain mill products	62.8	9.0	53.8	2.0	.4	1.6	82.7	17.2	65.5	1.9	1.1	.8	6	5
2043	Cereal breakfast foods	270.1	62.1	208.0	(D)	(D)	(D)	228.3	30.4	197.9	.3	–	.3	5	(X)
2044	Rice milling	52.9	17.6	35.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4	(X)
2045	Blended and prepared flour	61.8	6.2	55.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7	(X)
2046	Wet corn milling	340.5	33.0	307.5	(D)	(D)	(D)	450.9	49.3	401.6	(D)	(D)	(D)	1	(X)
2047	Dog, cat, and other pet food	112.9	16.6	96.3	1.8	1.0	.8	97.8	14.7	83.1	53.7	16.9	36.8	8	24
2048	Prepared feeds, n.e.c.	127.1	28.9	98.2	13.5	2.7	10.8	141.8	29.4	112.4	11.0	3.4	7.6	6	8
205	Bakery products	572.0	99.3	472.7	22.9	7.2	15.7	586.4	122.9	463.5	47.8	8.9	38.9	4	6
2051	Bread, cake, and related products	408.7	68.7	340.0	16.2	4.8	11.4	378.0	78.1	299.9	29.2	4.8	24.4	5	6
2052	Cookies and crackers	163.3	30.6	132.7	6.7	2.4	4.3	208.4	44.8	163.6	18.6	4.1	14.5	3	15
206	Sugar and confectionery products	540.4	91.2	449.2	37.8	9.3	28.5	629.1	101.9	527.2	58.7	8.9	49.9	3	4
2061	Raw cane sugar	34.0	2.2	31.8	2.9	.2	2.7	49.3	1.7	47.6	42.2	1.8	40.4	2	1
2062	Cane sugar refining	34.9	5.4	29.5	–	–	–	41.0	4.4	36.6	–	–	–	1	(X)
2063	Beet sugar	88.3	6.9	81.4	2.5	.4	2.1	85.3	9.3	76.0	1.4	.1	1.3	7	16
2065	Confectionery products	273.0	51.6	221.4	31.7	8.6	23.1	313.3	63.7	249.6	13.9	6.9	7.0	5	4
2066	Chocolate and cocoa products	65.1	18.9	66.2	.4	–	.4	(D)	(D)	(D)	(D)	(D)	(D)	3	1
2067	Chewing gum	25.1	6.2	18.9	.3	.1	.2	(D)	(D)	(D)	(D)	(D)	(D)	3	16
207	Fats and oils	235.8	31.6	204.2	9.4	2.4	7.0	337.2	57.1	280.1	21.0	9.8	11.2	3	8
2074	Cottonseed oil mills	17.9	2.9	15.0	2.6	.8	1.8	22.0	11.1	10.9	2.2	–	2.2	10	24
2075	Soybean oil mills	93.3	11.7	81.6	.8	.3	.5	109.5	16.8	92.7	.9	.7	.2	1	1
2076	Vegetable oil mills, n.e.c.	1.3	.1	1.2	.3	–	.3	(D)	(D)	(D)	(D)	(D)	(D)	17	13
2077	Animal and marine fats and oils	41.3	6.8	34.5	2.5	.4	2.1	(D)	(D)	(D)	(D)	(D)	(D)	15	12
2079	Shortening and cooking oils	82.0	10.1	71.9	3.2	.9	2.3	100.3	12.1	88.2	2.9	1.8	1.1	4	9
208	Beverages	1 366.2	332.7	1 033.5	71.2	25.4	45.8	1 337.8	271.9	1 065.9	97.1	19.1	78.0	3	11
2082	Malt beverages	578.3	178.9	401.4	11.8	.5	11.3	372.2	87.9	284.3	23.3	.4	22.9	1	12
2083	Malt	13.5	2.8	10.7	–	–	–	29.1	5.5	23.6	–	–	–	21	(X)
2084	Wines, brandy, and brandy spirits	112.1	32.0	80.1	8.0	1.9	6.1	112.1	19.7	92.4	(D)	(D)	(D)	14	11
2085	Distilled liquor, except brandy	41.4	8.3	33.1	2.3	.1	2.2	37.3	8.1	29.2	(D)	(D)	(D)	13	1
2086	Bottled and canned soft drinks	560.7	97.8	462.9	45.9	20.7	25.2	720.8	136.9	583.9	61.7	16.6	45.1	5	16
2087	Flavoring extracts and syrups, n.e.c.	60.2	14.9	45.3	3.2	2.2	1.0	86.3	13.8	52.5	4.7	1	4.6	13	57
209	Miscellaneous foods and kindred products	681.3	99.7	581.6	18.3	8.4	9.9	685.0	104.4	580.6	48.9	16.6	32.3	4	9
2091	Canned and cured seafoods	14.8	2.7	12.1	.9	.2	.7	11.6	3.2	8.4	4.9	2.7	2.2	15	7
2092	Fresh or frozen packaged fish	58.4	12.7	45.7	2.6	.9	1.7	58.9	15.6	43.3	4.9	.7	4.2	11	5
2095	Roasted coffee	147.3	12.0	135.3	3.0	1.9	1.1	138.9	9.1	129.8	6.7	5.0	1.7	9	6
2097	Manufactured ice	19.8	5.2	14.6	(D)	(D)	(D)	32.1	9.4	22.7	(D)	(D)	(D)	28	(X)
2098	Macaroni and spaghetti	32.8	4.2	28.6	(D)	(D)	(D)	31.8	4.6	27.2	(D)	(D)	(D)	5	(X)
2099	Food preparations, n.e.c.	408.2	62.9	345.3	9.6	5.1	4.5	411.7	62.5	349.2	27.2	7.6	19.6	4	16
21	**Tobacco products**	**669.1**	**75.6**	**583.5**	**5.6**	**.2**	**5.4**	**668.5**	**157.6**	**510.9**	**11.5**	**2.8**	**8.7**	**1**	**15**
211	Cigarettes	601.6	63.8	537.8	.4	–	.4	622.2	145.9	476.3	5.6	–	5.6	1	1
2111	Cigarettes	601.6	63.8	537.8	.4	–	.4	622.2	145.9	476.3	5.6	–	5.6	1	1
212	Cigars	7.1	.7	6.4	2.7	.2	2.5	5.2	1.7	3.5	2.5	–	2.5	15	31
2121	Cigars	7.1	.7	6.4	2.7	.2	2.5	5.2	1.7	3.5	2.5	–	2.5	15	31
213	Chewing and smoking tobacco	10.1	1.3	8.8	.6	–	.6	13.1	1.0	12.1	.2	–	.2	14	1
2131	Chewing and smoking tobacco	10.1	1.3	8.8	.6	–	.6	13.1	1.0	12.1	.2	–	.2	14	1
214	Tobacco stemming and redrying	40.3	9.8	30.5	1.9	–	1.9	28.0	9.0	19.0	3.2	2.8	.4	1	1
2141	Tobacco stemming and redrying	40.3	9.8	30.5	1.9	–	1.9	28.0	9.0	19.0	3.2	2.8	.4	1	1
22	**Textile mill products**	**1 598.3**	**228.8**	**1 369.5**	**239.4**	**49.0**	**190.4**	**1 863.3**	**269.3**	**1 594.0**	**166.0**	**33.2**	**132.8**	**2**	**3**
221	Weaving mills, cotton	113.9	22.4	91.5	37.8	5.6	32.2	191.6	29.1	162.5	8.3	2.1	6.2	5	3
2211	Weaving mills, cotton	113.9	22.4	91.5	37.8	5.6	32.2	191.6	29.1	162.5	8.3	2.1	6.2	5	3
222	Weaving mills, synthetics	350.6	37.4	313.2	46.4	7.5	38.9	484.4	52.1	432.3	47.7	3.5	44.2	4	4
2221	Weaving mills, manmade fiber and silk	350.6	37.4	313.2	46.4	7.5	38.9	484.4	52.1	432.3	47.7	3.5	44.2	4	4
223	Weaving and finishing mills, wool	24.2	4.4	19.8	4.6	1.6	3.0	33.9	8.6	25.3	(D)	(D)	(D)	1	10
2231	Weaving and finishing mills, wool	24.2	4.4	19.8	4.6	1.6	3.0	33.9	8.6	25.3	(D)	(D)	(D)	1	10
224	Narrow fabric mills	32.4	1.6	30.8	1.6	.1	1.5	28.9	4.4	24.5	(D)	(D)	(D)	22	57
2241	Narrow fabric mills	32.4	1.6	30.8	1.6	.1	1.5	28.9	4.4	24.5	(D)	(D)	(D)	22	57

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
22	**Textile mill products**—Con.														
225	Knitting mills	304.4	50.8	253.6	27.2	10.4	16.8	317.8	61.0	256.8	24.4	5.4	19.0	4	8
2251	Women's full length and knee-length hosiery	28.5	1.0	27.5	1.4	.6	.8	36.2	6.1	30.1	2.0	.6	1.4	8	15
2252	Hosiery, n.e.c.	29.4	7.0	22.4	6.0	2.1	3.9	31.0	8.8	22.2	1.9	.2	1.7	11	28
2253	Knit outerwear mills	85.6	15.2	70.4	9.9	5.5	4.4	86.5	20.6	65.9	4.5	.4	4.	9	9
2254	Knit underwear mills	33.5	9.3	24.2	1.6	.3	1.3	22.7	5.7	17.0	2.1	1.4	.7	8	33
2257	Circular knit fabric mills	70.6	9.0	61.6	4.6	1.5	3.1	66.5	12.8	53.7	7.2	.3	6.9	5	6
2258	Warp knit fabric mills	53.3	9.0	44.3	3.6	.4	3.2	73.0	6.8	66.2	6.3	2.5	3.8	4	6
2259	Knitting mills, n.e.c.	3.5	.3	3.2	.1	-	.1	1.9	.2	1.7	.4	-	.4	7	18
226	Textile finishing, except wool	174.8	26.3	148.5	15.0	2.8	12.2	119.2	16.1	103.1	21.5	12.1	9.4	5	23
2261	Finishing plants, cotton	31.3	6.6	24.7	7.7	2.0	5.7	27.8	6.2	21.6	1.0	.1	.9	6	43
2262	Finishing plants, manmade	123.0	18.2	104.8	5.9	.7	5.2	74.5	8.7	65.8	16.3	11.9	4.4	6	8
2269	Finishing plants, n.e.c.	20.5	1.5	19.0	1.4	.1	1.3	16.9	1.2	15.7	4.2	.1	4.1	3	7
227	Floor covering mills	143.3	25.2	118.1	23.2	2.3	20.9	162.2	31.3	130.9	8.9	2.8	6.1	3	2
2271	Woven carpets and rugs	6.3	1.1	5.2	.9	-	.9	7.1	1.2	5.9	.3	-	.3	17	24
2272	Tufted carpets and rugs	126.5	23.6	104.9	21.9	2.2	19.7	146.3	29.1	117.2	8.4	2.8	5.6	3	2
2279	Carpets and rugs, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
228	Yarn and thread mills	258.9	23.1	235.8	67.7	16.6	51.1	320.4	32.7	287.7	42.2	6.2	36.0	5	8
2281	Yarn mills, except wool	201.8	19.9	181.9	18.6	2.0	16.6	253.2	27.9	225.3	32.3	5.5	26.8	6	21
2282	Throwing and winding mills	39.0	2.3	36.7	(D)	(D)	(D)	51.5	3.4	48.1	4.6	.7	3.9	3	(X)
2283	Wool yarn mills	7.7	.6	7.1	(D)	(D)	(D)	3.3	.5	2.8	.3	-	.3	1	(X)
2284	Thread mills	10.4	.3	10.1	(D)	(D)	(D)	12.4	.9	11.5	5.0	-	5.0	24	(X)
229	Miscellaneous textile goods	195.8	37.6	158.2	15.9	2.1	13.8	204.9	34.0	170.9	8.4	.8	7.6	8	4
2291	Felt goods, except woven felts and hats	28.7	3.3	25.4	.5	.3	.2	12.3	1.9	10.4	.4	.1	.3	51	3
2292	Lace goods	1.9	.2	1.7	.2	-	.2	1.7	.1	1.6	(D)	(D)	(D)	60	73
2293	Paddings and upholstery filling	13.3	3.8	9.5	(D)	(D)	(D)	5.3	1.8	3.5	(D)	(D)	(D)	15	(X)
2294	Processed textile waste	9.4	1.4	8.0	.6	.1	.5	7.5	.7	6.8	.2	-	.2	16	66
2295	Coated fabrics, not rubberized	37.4	8.0	29.4	1.5	.3	1.2	33.9	6.4	27.5	2.5	.2	2.3	3	10
2296	Tire cord and fabric	5.3	.6	4.7	.3	-	.3	5.9	2.1	3.8	.2	-	.2	5	10
2297	Nonwoven fabrics	84.4	17.4	67.0	2.0	.1	1.9	106.7	11.6	95.1	1.7	.1	1.6	3	3
2298	Cordage and twine	9.5	2.4	7.1	2.2	.3	1.9	23.7	8.4	15.3	.3	.1	.2	7	1
2299	Textile goods, n.e.c.	5.9	.5	5.4	(D)	(D)	(D)	7.9	1.0	6.9	1.5	.2	1.3	18	(X)
23	**Apparel and other textile products**	**683.7**	**137.4**	**546.3**	**70.8**	**40.1**	**30.7**	**697.1**	**144.0**	**553.1**	**68.5**	**31.7**	**36.8**	**3**	**7**
231	Men's and boys' suits and coats	29.0	7.9	21.1	4.3	3.5	.8	23.8	6.4	17.4	3.0	.8	2.2	2	2
2311	Men's and boys' suits and coats	29.0	7.9	21.1	4.3	3.5	.8	23.8	6.4	17.4	3.0	.8	2.2	2	2
232	Men's and boys' furnishings	165.8	38.5	127.3	12.5	6.7	5.8	161.3	36.9	124.4	15.3	6.0	9.3	3	13
2321	Men's and boys' shirts and nightwear	59.7	12.7	47.0	6.5	3.2	3.3	45.5	8.5	37.0	7.8	2.3	5.3	4	24
2322	Men's and boys' underwear	4.4	.8	3.6	1	-	.1	2.3	.3	2.0	.4	-	.4	15	10
2323	Men's and boys' neckwear	1.4	-	1.4	-	-	-	1.5	.1	1.4	-	-	-	5	(X)
2327	Men's and boys' separate trousers	17.6	3.7	13.9	.6	.3	.3	32.2	6.0	26.2	.9	.1	.8	3	6
2328	Men's and boys' work clothing	55.2	12.8	42.4	3.7	2.5	1.2	55.3	15.5	39.8	5.5	3.4	2.1	3	2
2329	Men's and boys' clothing, n.e.c.	27.5	8.5	19.0	1.6	.7	.9	24.5	6.5	18.0	.9	.2	.7	9	9
233	Women's and misses' outerwear	148.2	33.6	114.6	9.7	5.5	4.2	162.7	33.5	129.2	25.0	12.8	12.2	6	17
2331	Women's and misses' blouses	35.0	9.1	25.9	2.1	1.4	.7	33.8	8.5	25.3	2.0	.8	1.2	18	17
2335	Women's and misses' dresses	36.6	6.9	29.7	1.6	1.0	.6	58.4	8.6	49.8	6.4	4.8	1.6	12	16
2337	Women's and misses' suits and coats	27.3	7.2	20.1	1.5	.5	1.0	23.2	4.1	19.1	4.9	1.2	3.7	8	34
2339	Women's and misses' outerwear, n.e.c.	49.3	10.4	38.9	4.5	2.6	1.9	47.3	12.3	35.0	11.7	6.0	5.7	9	34
234	Women's and children's undergarments	38.8	9.7	29.1	7.8	6.7	1.1	47.1	15.8	31.3	2.0	1.5	.5	8	13
2341	Women's and children's underwear	29.9	7.4	22.5	7.6	6.6	1.0	34.8	12.5	22.3	1.9	1.5	.4	10	13
2342	Brassieres and allied garments	8.9	2.3	6.6	.2	.1	.1	12.3	3.3	9.0	.1	-	.1	9	10
235	Hats, caps, and millinery	7.5	3.0	4.5	.7	.4	.3	(S)	(S)	(S)	(S)	(S)	(S)	10	45
2351	Millinery	.3	-	.3	-	-	-	(S)	(S)	(S)	(S)	(S)	(S)	33	(X)
2352	Hats and caps, except millinery	7.2	3.0	4.2	.7	.4	.3	17.7	8.1	9.6	1	.1	-	11	45
236	Children's outerwear	18.7	2.5	16.2	1.3	.5	.8	(S)	(S)	(S)	(S)	(S)	(S)	19	29
2361	Children's dresses and blouses	6.8	.5	6.0	.5	.3	.2	13.2	1.5	11.7	.4	.1	.3	13	44
2363	Children's coats and suits	.6	.3	.3	.1	-	.1	(S)	(S)	(S)	(S)	(S)	(S)	16	27
2369	Children's outerwear, n.e.c.	11.3	1.4	9.9	.7	.2	.5	12.5	3.2	9.3	1.7	.6	1.1	30	42
237	Fur goods	.5	-	.5	-	-	-	.5	.1	.4	-	-	-	17	(X)
2371	Fur goods	.5	-	.5	-	-	-	.5	.1	.4	-	-	-	17	(X)
238	Miscellaneous apparel and accessories	11.3	2.2	9.1	.7	.2	.5	13.6	4.0	9.6	4.0	1.9	2.1	12	9
2381	Fabric dress and work gloves	1.0	.1	.9	-	-	-	1.5	.5	1.0	-	-	-	2	(X)
2384	Robes and dressing gowns	2.2	.5	1.7	-	-	-	2.4	.3	2.1	(D)	(D)	(D)	28	(X)
2385	Waterproof outer garments	2.7	1.0	1.7	.3	.2	.1	5.0	2.1	2.9	3.7	1.8	1.9	2	1
2386	Leather and sheep lined clothing	4	.2	.2	.1	-	.1	.8	.2	.6	-	-	-	18	53
2387	Apparel belts	2.5	.2	2.3	.2	-	.2	2.2	4	1.8	(D)	(D)	(D)	21	13
2389	Apparel and accessories, n.e.c.	2.5	.2	2.3	.1	-	.1	1.7	.5	1.2	.2	.1	.1	43	1
239	Miscellaneous fabricated textile products	263.9	40.0	223.9	33.8	16.6	17.2	243.3	34.3	209.0	17.0	7.9	9.1	5	12
2391	Curtains and draperies	10.4	2.6	7.8	(D)	(D)	(D)	6.8	1.0	5.8	(D)	(D)	(D)	28	(X)
2392	House furnishings, n.e.c.	43.5	8.0	35.5	17.4	8.0	9.4	38.7	8.8	29.9	6.3	2.1	4.2	15	19
2393	Textile bags	4.2	.5	3.6	(D)	(D)	(D)	4.6	.5	4.1	(D)	(D)	(D)	16	(X)
2394	Canvas and related products	23.7	2.8	20.9	5.1	2.7	2.4	19.8	3.2	16.6	2.9	1.6	1.3	27	40
2395	Pleating and stitching	22.6	8.6	14.0	2.7	1.5	1.2	13.1	2.6	10.5	1.6	1.1	.5	21	22
2396	Automotive and apparel trimmings	114.7	10.5	104.2	2.8	.5	2.3	91.8	10.7	81.1	2.8	1.2	1.6	2	11
2397	Schiffli machine embroideries	5.4	1.3	4.1	1.1	-	1.1	6.0	1.4	4.6	.2	-	.2	7	62
2399	Fabricated textile products, n.e.c.	39.4	5.6	33.8	2.6	2.0	.6	62.5	6.1	56.4	2.5	1.6	.9	6	7

See footnotes at end of table

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
24	**Lumber and wood products**	**1 657.2**	**291.1**	**1 306.1**	**218.1**	**43.6**	**174.5**	**1 663.6**	**252.3**	**1 411.2**	**231.5**	**52.0**	**179.5**	**4**	**6**
241	Logging camps and logging contractors	341.3	12.7	328.6	43.1	3.4	39.7	356.0	35.0	321.0	51.0	7.8	43.2	12	22
2411	Logging camps and logging contractors	341.3	12.7	328.6	43.1	3.4	39.7	356.0	35.0	321.0	51.0	7.8	43.2	12	22
242	Sawmills and planing mills	494.6	64.4	430.2	81.2	13.7	67.5	481.8	39.3	442.5	76.7	14.0	62.7	7	15
2421	Sawmills and planing mills, general	440.6	47.7	392.9	74.8	11.7	63.1	443.8	24.8	419.0	74.2	13.5	60.7	7	16
2426	Hardwood dimension and flooring	52.7	16.2	36.5	6.4	2.0	4.4	36.5	13.4	23.1	2.5	.5	2.0	20	15
2429	Special product sawmills, n.e.c.	1.3	.5	.8	-	-	-	1.5	1.1	.4	-	-	-	34	(X)
243	Millwork, plywood, and structural members	414.1	100.5	313.6	48.5	11.0	37.5	408.4	74.8	333.6	48.1	8.8	39.3	5	8
2431	Millwork	164.9	63.8	101.1	24.3	8.0	16.3	137.4	36.1	101.3	20.2	3.6	16.6	9	12
2434	Wood kitchen cabinets	61.9	18.3	63.6	2.6	.1	2.5	67.3	13.0	54.3	1.1	-	1.1	11	30
2435	Hardwood veneer and plywood	38.0	8.2	29.8	6.5	.9	5.6	34.9	5.4	29.5	6.0	1.1	4.9	16	32
2436	Softwood veneer and plywood	95.8	4.3	91.5	5.6	.5	5.0	130.9	11.5	119.4	16.3	3.4	12.9	2	16
2439	Structural wood members, n.e.c.	33.5	5.9	27.6	9.6	1.5	8.1	37.9	8.8	29.1	4.5	.7	3.8	14	14
244	Wood containers	37.8	7.4	30.4	14.7	2.1	12.6	46.6	8.9	37.7	14.4	5.7	8.7	26	33
2441	Nailed wood boxes and shook	6.5	2.0	4.5	1.7	.4	1.3	4.8	2.1	2.7	1.4	.4	1.0	39	26
2448	Wood pallets and skids	28.3	4.6	23.7	11.4	1.6	9.8	39.7	6.1	33.6	6.7	1.0	5.7	33	42
2449	Wood containers, n.e.c.	3.0	.8	2.2	1.6	.1	1.5	2.1	.7	1.4	6.3	4.3	2.0	28	43
245	Wood buildings and mobile homes	102.5	64.4	38.1	19.4	9.8	9.6	104.1	53.5	50.6	18.9	8.1	8.8	8	19
2451	Mobile homes	67.9	49.4	18.5	8.1	4.8	3.3	68.5	40.5	28.0	14.0	7.7	6.3	11	4
2452	Prefabricated wood buildings	34.6	15.0	19.6	11.3	5.0	6.3	35.6	13.0	22.6	2.9	.4	2.5	11	31
249	Miscellaneous wood products	266.9	41.7	225.2	11.2	3.6	7.6	266.6	40.8	225.8	24.4	7.6	16.8	4	10
2491	Wood preserving	35.3	5.1	30.2	2.5	.3	2.2	47.7	4.9	42.8	2.3	.5	1.8	8	20
2492	Particleboard	116.6	17.4	99.2	.5	-	.5	72.2	9.7	62.5	4.3	.3	4.0	4	1
2499	Wood products, n.e.c.	115.0	19.2	95.8	8.2	3.3	4.9	146.7	26.2	120.5	17.8	6.8	11.0	6	12
25	**Furniture and fixtures**	**778.0**	**224.6**	**553.4**	**52.7**	**26.0**	**26.7**	**783.3**	**209.4**	**553.9**	**78.9**	**48.6**	**30.3**	**4**	**12**
251	Household furniture	300.9	77.0	223.9	21.3	7.0	14.3	297.8	73.6	224.2	26.8	12.6	14.2	6	5
2511	Wood household furniture	138.5	28.1	110.4	11.2	3.5	7.7	151.6	38.3	113.3	11.9	4.0	7.9	8	7
2512	Upholstered household furniture	79.1	30.9	48.2	2.9	1.3	1.6	60.1	18.3	41.8	9.1	5.7	3.4	13	9
2514	Metal household furniture	29.7	5.0	24.7	3.7	1.2	2.5	36.9	7.3	29.6	3.7	2.4	1.3	7	9
2515	Mattresses and bedsprings	23.7	6.9	16.8	3.1	1.0	2.1	27.6	7.6	20.0	1.8	.5	1.3	10	11
2517	Wood TV and radio cabinets	8.0	1.3	6.7	.2	-	.2	9.4	1.3	8.1	.3	-	.3	8	5
2519	Household furniture, n.e.c.	21.9	4.8	17.1	.2	-	.2	12.2	.8	11.4	-	-	-	5	50
252	Office furniture	260.4	84.7	175.7	9.0	6.1	2.9	226.7	62.9	163.8	12.4	8.9	3.5	3	13
2521	Wood office furniture	42.1	16.1	26.0	5.8	4.2	1.6	54.8	23.2	31.6	7.0	4.5	2.5	9	17
2522	Metal office furniture	218.3	68.6	149.7	3.2	1.9	1.3	171.9	39.7	132.2	5.4	4.4	1.0	3	18
253	Public building and related furniture	42.1	9.7	32.4	4.3	1.2	3.1	46.0	14.8	31.2	3.8	1.4	2.4	17	26
2531	Public building and related furniture	42.1	9.7	32.4	4.3	1.2	3.1	46.0	14.8	31.2	3.8	1.4	2.4	17	26
254	Partitions and fixtures	125.9	40.2	85.7	14.2	9.4	4.8	124.7	40.1	84.6	31.0	25.4	5.6	13	40
2541	Wood partitions and fixtures	75.7	33.1	42.6	9.8	7.2	2.6	62.9	29.4	33.5	21.8	20.7	1.1	21	57
2542	Metal partitions and fixtures	50.2	7.1	43.1	4.4	2.2	2.2	61.8	10.7	51.1	9.2	4.7	4.5	9	19
259	Miscellaneous furniture and fixtures	48.7	13.0	35.7	3.9	2.3	1.6	68.1	18.0	50.1	4.9	.3	4.6	7	14
2591	Drapery hardware and blinds and shades	15.9	2.6	13.3	(D)	(D)	(D)	26.1	5.6	20.5	2.1	-	2.1	6	(X)
2599	Furniture and fixtures, n.e.c.	32.8	10.4	22.4	(D)	(D)	(D)	42.0	12.4	29.6	2.8	.3	2.5	10	(X)
26	**Paper and allied products**	**6 084.4**	**754.9**	**5 329.5**	**375.3**	**43.2**	**332.1**	**6 272.7**	**565.9**	**5 706.8**	**248.5**	**57.9**	**190.6**	**1**	**5**
261	Pulp mills	674.6	85.9	788.7	.6	-	.6	745.0	25.3	719.7	(D)	(D)	(D)	1	1
2611	Pulp mills	674.6	85.9	788.7	.6	-	.6	745.0	25.3	719.7	(D)	(D)	(D)	1	1
262	Paper mills, except building paper	2 153.3	266.5	1 886.8	226.4	4.1	222.3	2 484.3	201.0	2 283.3	54.7	9.9	44.8	1	1
2621	Paper mills, except building paper	2 153.3	266.5	1 886.8	226.4	4.1	222.3	2 484.3	201.0	2 283.3	54.7	9.9	44.8	1	1
263	Paperboard mills	999.6	66.8	932.8	3.3	4	2.9	1 043.4	70.2	973.2	(D)	(D)	(D)	2	13
2631	Paperboard mills	999.6	66.8	932.8	3.3	4	2.9	1 043.4	70.2	973.2	(D)	(D)	(D)	2	13
264	Miscellaneous converted paper products	1 247.1	155.9	1 091.2	81.6	33.3	48.3	1 218.5	154.2	1 064.3	94.7	24.9	69.8	3	20
2641	Paper coating and glazing	291.7	31.5	260.2	17.5	.7	16.8	288.6	38.4	250.2	17.4	7.1	10.3	4	50
2642	Envelopes	72.8	14.5	58.3	9.1	4.8	4.3	74.1	6.9	67.2	10.1	2.4	7.7	21	38
2643	Bags, except textile bags	269.1	48.4	220.7	25.1	14.5	10.6	214.8	35.7	179.1	35.9	6.8	29.1	7	44
2645	Die-cut paper and board	31.0	7.4	23.6	5.6	1.3	4.3	35.0	6.4	28.6	9.6	1.7	7.9	7	21
2646	Pressed and molded pulp goods	11.8	1.9	9.9	(D)	(D)	(D)	9.2	.5	8.7	-	-	-	2	(X)
2647	Sanitary paper products	466.0	26.9	439.1	2.9	.5	2.4	486.7	39.8	446.9	6.5	2.4	4.1	1	6
2648	Stationery products	43.5	12.3	31.2	12.3	10.0	2.3	48.9	15.5	33.4	3.2	2.4	.8	15	52
2649	Converted paper products, n.e.c.	61.2	13.0	48.2	(D)	(D)	(D)	61.2	11.0	50.2	12.0	2.1	9.9	8	(X)
265	Paperboard containers and boxes	799.4	177.0	622.4	62.9	5.4	57.5	763.7	112.1	651.6	79.4	20.0	59.4	2	7
2651	Folding paperboard boxes	147.0	33.4	113.6	19.0	1.7	17.3	153.6	18.8	134.8	23.2	4.6	18.6	7	16
2652	Set-up paperboard boxes	13.2	2.7	10.5	3.6	.8	2.8	16.8	3.3	13.5	4.5	2.1	2.4	33	24
2653	Corrugated and solid fiber boxes	433.5	72.9	360.6	27.4	2.2	25.2	420.3	64.5	355.8	29.7	8.5	21.2	3	6
2654	Sanitary food containers	142.6	60.9	81.7	8.0	.5	7.5	112.5	19.8	92.7	13.6	1.2	12.4	2	7
2655	Fiber cans, drums, and similar products	63.1	7.1	56.0	4.9	2	4.7	60.5	5.7	54.8	8.4	3.6	4.8	4	48
266	Building paper and board mills	10.4	2.8	7.6	.5	-	.5	17.8	3.1	14.7	1.1	-	1.1	4	15
2661	Building paper and board mills	10.4	2.8	7.6	.5	-	.5	17.8	3.1	14.7	1.1	-	1.1	4	15

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
27	**Printing and publishing**	**4 385.0**	**880.6**	**3 504.4**	**373.8**	**109.2**	**264.6**	**4 715.3**	**966.1**	**3 749.2**	**376.9**	**106.2**	**270.7**	**2**	**7**
271	Newspapers	1 296.0	369.8	926.2	74.0	29.1	44.9	1 429.7	359.0	1 070.7	71.9	29.8	42.1	2	24
2711	Newspapers	1 296.0	369.8	926.2	74.0	29.1	44.9	1 429.7	359.0	1 070.7	71.9	29.8	42.1	2	24
272	Periodicals	274.1	84.5	189.6	19.5	8.3	11.2	339.7	123.6	216.1	17.8	5.6	12.2	5	10
2721	Periodicals	274.1	84.5	189.6	19.5	8.3	11.2	339.7	123.6	216.1	17.8	5.6	12.2	5	10
273	Books	384.1	55.8	328.3	31.2	18.1	15.1	434.2	97.4	336.8	22.4	8.1	14.3	5	9
2731	Book publishing	202.8	35.1	167.7	23.1	15.4	7.7	232.1	48.0	184.1	12.5	5.7	6.8	3	7
2732	Book printing	181.3	20.7	160.6	8.1	.7	7.4	202.1	49.4	152.7	9.9	2.4	7.5	10	29
274	Miscellaneous publishing	102.6	22.0	80.6	6.9	3.8	3.1	109.7	37.3	72.4	3.6	.6	3.0	9	11
2741	Miscellaneous publishing	102.6	22.0	80.6	6.9	3.8	3.1	109.7	37.3	72.4	3.6	.6	3.0	9	11
275	Commercial printing	1 779.4	263.5	1 515.9	197.9	38.3	159.6	1 844.9	245.5	1 599.4	199.9	43.2	156.7	4	9
2751	Commercial printing, letterpress	250.4	42.2	208.2	20.9	5.9	15.0	247.6	37.1	210.5	14.3	2.0	12.3	8	20
2752	Commercial printing, lithographic	1 335.9	201.7	1 134.2	173.9	32.1	141.8	1 410.7	181.2	1 229.5	176.8	40.3	136.5	5	10
2753	Engraving and plate printing	20.8	6.0	14.8	.8	.2	.6	26.6	4.3	22.3	.6	.1	.5	30	20
2754	Commercial printing, gravure	172.3	13.6	158.7	2.3	.1	2.2	160.0	22.9	137.1	8.2	.8	7.4	2	10
276	Manifold business forms	212.9	23.6	189.3	29.3	6.8	22.5	218.3	39.8	178.5	45.4	12.0	33.4	8	24
2761	Manifold business forms	212.9	23.6	189.3	29.3	6.8	22.5	218.3	39.8	178.5	45.4	12.0	33.4	8	24
277	Greeting card publishing	48.4	18.2	30.2	3.4	2.3	1.1	46.5	13.0	33.5	1.6	-	1.6	4	26
2771	Greeting card publishing	48.4	18.2	30.2	3.4	2.3	1.1	46.5	13.0	33.5	1.6	-	1.6	4	26
278	Blankbooks and bookbinding	119.1	23.8	95.3	5.8	2.4	3.2	118.6	27.0	91.6	6.1	2.4	3.7	20	16
2782	Blankbooks and looseleaf binders	79.6	19.4	60.2	4.1	2.1	2.0	82.4	23.4	59.0	4.5	2.1	2.4	15	14
2789	Bookbinding and related work	39.5	4.4	35.1	1.5	.3	1.2	36.2	3.6	32.6	1.6	.3	1.3	52	43
279	Printing trade services	168.4	19.4	149.0	6.0	2.1	3.9	173.7	23.5	150.2	8.2	4.5	3.7	12	16
2791	Typesetting	72.1	11.3	60.8	3.1	.8	2.3	67.2	6.1	61.1	5.0	3.0	2.0	15	15
2793	Photoengraving	10.1	.7	9.4	.2	-	.2	15.7	12.4	3.3	-	-	-	82	(A)
2794	Electrotyping and stereotyping														
2795	Lithographic platemaking services	86.2	7.4	78.8	2.7	1.3	1.4	90.8	5.0	85.8	3.2	1.5	1.7	20	32
28	**Chemicals and allied products**	**7 907.4**	**1 288.1**	**6 619.3**	**206.2**	**71.6**	**134.6**	**8 180.5**	**1 407.7**	**6 772.8**	**1 026.9**	**170.3**	**856.6**	**2**	**5**
281	Industrial inorganic chemicals	811.8	69.5	742.3	17.6	4.5	13.1	1 039.3	126.1	913.2	34.0	8.8	25.2	5	5
2812	Alkalies and chlorine	122.1	7.4	114.7	2.3	-	2.3	175.2	25.8	149.4	-	-	-	2	6
2813	Industrial gases	122.1	3.7	118.4	.5	-	.5	212.5	13.0	199.5	.5	.4	.1	10	15
2816	Inorganic pigments	80.3	6.9	73.4	.6	.2	.4	100.8	12.7	88.1	2.2	1.7	.5	7	36
2819	Industrial inorganic chemicals, n.e.c.	487.3	51.5	435.8	14.2	4.3	9.9	550.8	74.6	476.2	31.3	6.7	24.6	8	6
282	Plastics materials and synthetics	1 897.6	306.3	1 591.3	53.1	8.1	45.0	1 630.2	231.1	1 399.1	278.9	41.0	237.9	2	9
2821	Plastics materials and resins	1 264.2	218.0	1 046.2	46.5	5.7	40.8	1 115.1	172.6	942.5	20.2	1.9	18.3	2	10
2822	Synthetic rubber	116.6	31.0	85.6	(D)	-	(D)	117.5	15.4	102.1	.7	-	.7	1	(X)
2823	Cellulosic manmade fibers	54.9	5.9	49.0	(D)	-	(D)	43.3	3.6	39.7	.5	-	.5	1	(X)
2824	Organic fibers, noncellulosic	461.9	51.4	410.5	4.0	2.4	1.6	354.3	39.5	314.8	257.5	39.1	218.4	7	41
283	Drugs	1 331.1	387.2	943.9	24.8	18.7	6.1	1 466.5	477.0	989.5	74.5	31.0	43.5	3	26
2831	Biological products	126.1	35.7	90.4	15.4	14.0	1.4	125.4	44.0	81.4	7.5	1.4	6.1	4	41
2833	Medicinals and botanicals	147.2	24.3	122.9	.4	.1	.3	170.0	33.1	136.9	6	-	.6	2	9
2834	Pharmaceutical preparations	1 057.8	327.2	730.6	9.0	4.6	4.4	1 171.1	399.9	771.2	66.4	29.6	36.8	4	4
284	Soaps, cleaners, and toilet goods	741.7	173.4	568.3	52.4	20.6	31.8	762.4	143.7	618.7	97.5	28.6	68.9	5	7
2841	Soap and other detergents	287.7	33.6	254.1	12.8	2.1	10.7	317.0	51.6	265.4	3.3	.6	2.7	3	8
2842	Polishes and sanitation goods	105.7	32.7	73.0	7.5	5.5	2.0	78.0	20.8	57.2	8.0	6.6	1.4	5	42
2843	Surface active agents	71.4	16.1	55.3	2.2	1.8	.4	76.4	19.6	56.8	58.5	16.2	42.3	9	1
2844	Toilet preparations	276.9	91.0	185.9	29.9	11.2	18.7	291.0	51.7	239.3	27.7	5.2	22.5	13	1
285	Paints and allied products	254.2	83.9	170.3	19.5	7.1	12.4	248.8	63.5	185.3	16.1	8.3	7.8	6	13
2851	Paints and allied products	254.2	83.9	170.3	19.5	7.1	12.4	248.8	63.5	185.3	16.1	8.3	7.8	6	13
286	Industrial organic chemicals	1 843.1	159.4	1 683.7	17.1	5.2	11.9	[2] 020.9	198.1	1 822.8	415.9	39.0	376.9	1	6
2861	Gum and wood chemicals	19.5	3.2	16.3	.1	-	.1	[2]5.0	4.2	20.8	1.5	.6	.9	7	1
2865	Cyclic crudes and intermediates	332.6	29.0	303.6	3.2	1.4	1.8	[2]82.4	36.0	346.4	14.9	2.4	12.5	1	8
2869	Industrial organic chemicals, n.e.c.	1 491.0	127.2	1 363.8	13.8	3.8	10.0	[1] 613.5	157.9	1 455.6	399.5	36.0	363.5	2	10
287	Agricultural chemicals	523.0	26.4	496.6	10.6	3.8	6.8	508.0	40.9	467.1	75.0	5.5	69.5	2	34
2873	Nitrogenous fertilizers	84.9	2.6	82.3	.1	-	.1	112.5	11.7	100.8	.6	-	.6	4	10
2874	Phosphatic fertilizers	218.2	4.0	214.2	.8	.1	.7	178.7	7.0	171.7	69.9	4.8	65.1	1	30
2875	Fertilizers, mixing only	19.3	2.8	16.5	6.9	3.7	3.2	22.0	3.5	18.5	2.0	.3	1.7	13	46
2879	Agricultural chemicals, n.e.c.	200.6	17.0	183.6	2.8	-	2.8	194.8	18.7	176.1	2.5	.4	2.1	3	60
289	Miscellaneous chemical products	504.9	82.0	422.9	11.1	3.6	7.5	504.4	127.3	377.1	35.0	8.1	26.9	7	15
2891	Adhesives and sealants	82.8	10.7	72.1	6.0	2.5	3.5	74.3	12.6	61.7	1.9	.7	1.2	5	25
2892	Explosives	32.2	6.6	25.6	1.3	.1	1.2	48.4	11.0	37.4	27.4	6.9	20.5	8	25
2893	Printing ink	39.7	9.4	30.3	1.1	.2	.9	38.2	7.6	30.6	(D)	(D)	(D)	4	12
2895	Carbon black	23.2	1.6	21.6	-	-	-	40.3	3.2	37.1	(D)	(D)	(D)	1	(X)
2899	Chemical preparations, n.e.c.	327.0	53.7	273.3	2.7	.8	1.9	303.2	92.9	210.3	2.9	.4	2.5	10	11
29	**Petroleum and coal products**	**2 577.5**	**420.3**	**2 157.2**	**90.3**	**36.0**	**54.3**	**3 438.0**	**1 215.2**	**2 222.8**	**83.8**	**9.4**	**74.4**	**2**	**7**
291	Petroleum refining	2 273.0	390.7	1 882.3	43.7	18.4	25.3	3 037.5	1 173.7	1 863.8	35.0	3.4	31.6	1	1
2911	Petroleum refining	2 273.0	390.7	1 882.3	43.7	18.4	25.3	3 037.5	1 173.7	1 863.8	35.0	3.4	31.6	1	1
295	Paving and roofing materials	191.9	20.3	171.6	25.0	2.1	22.9	245.5	28.6	216.9	45.6	5.6	40.0	7	20
2951	Paving mixtures and blocks	102.9	9.5	93.4	21.1	1.3	19.8	144.1	14.0	130.1	37.0	3.7	33.3	12	23
2952	Asphalt felts and coatings	89.0	10.8	78.2	3.9	.8	3.1	101.4	14.6	86.8	8.6	1.9	6.7	7	16
299	Miscellaneous petroleum and coal products	112.6	9.3	103.3	21.6	15.5	6.1	155.0	12.9	142.1	3.2	.4	2.8	28	18
2992	Lubricating oils and greases	101.1	8.7	92.4	(D)	(D)	(D)	79.6	11.9	67.7	2.6	.4	2.2	32	(X)
2999	Petroleum and coal products, n.e.c.	11.5	.6	10.9	(D)	(D)	(D)	75.4	1.0	74.4	.6	-	.6	21	(X)

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
30	**Rubber and miscellaneous plastics products**	**2 998.1**	**401.4**	**2 596.7**	**223.9**	**75.2**	**148.7**	**3 429.7**	**573.3**	**2 856.4**	**779.1**	**526.9**	**252.2**	**3**	**7**
301	Tires and inner tubes	389.9	31.8	358.1	20.4	.9	19.6	496.7	67.3	429.4	9.8	3.4	6.2	2	1
3011	Tires and inner tubes	389.9	31.8	358.1	20.4	.9	19.6	496.7	67.3	429.4	9.8	3.4	6.2	2	1
302	Rubber and plastics footwear	6.3	.4	5.9	(D)	(D)	(D)	8.4	.6	7.8	.4	.3	.1	2	(X)
3021	Rubber and plastics footwear	6.3	.4	5.9	(D)	(D)	(D)	8.4	.6	7.8	.4	.3	.1	2	(X)
303	Reclaimed rubber	2.0	.1	1.9	(D)	(D)	(D)	1.4	–	1.4	.1	–	.1	9	(X)
3031	Reclaimed rubber	2.0	.1	1.9	(D)	(D)	(D)	1.4	–	1.4	.1	–	.1	9	(X)
304	Rubber and plastics hose and belting	70.6	9.8	60.8	9.9	8.4	1.5	102.9	23.5	79.4	1.0	.1	.9	8	81
3041	Rubber and plastics hose and belting	70.6	9.8	60.8	9.9	8.4	1.5	102.9	23.5	79.4	1.0	.1	.9	8	81
306	Fabricated rubber products, n.e.c.	240.2	32.6	207.6	17.5	4.8	12.7	256.0	39.8	216.2	29.8	6.2	23.6	5	7
3069	Fabricated rubber products, n.e.c.	240.2	32.6	207.6	17.5	4.8	12.7	256.0	39.8	216.2	29.8	6.2	23.6	5	7
307	Miscellaneous plastics products	2 289.1	326.7	1 962.4	172.4	58.7	113.7	2 564.3	442.1	2 122.2	738.2	516.9	221.3	4	8
3079	Miscellaneous plastics products	2 289.1	326.7	1 962.4	172.4	58.7	113.7	2 564.3	442.1	2 122.2	738.2	516.9	221.3	4	8
31	**Leather and leather products**	**83.2**	**21.1**	**62.1**	**11.2**	**4.4**	**6.8**	**103.4**	**25.6**	**77.8**	**13.7**	**4.4**	**9.3**	**7**	**17**
311	Leather tanning and finishing	20.7	6.6	14.1	1.3	.4	.9	23.5	3.2	20.3	1.4	.3	1.1	12	14
3111	Leather tanning and finishing	20.7	6.6	14.1	1.3	.4	.9	23.5	3.2	20.3	1.4	.3	1.1	12	14
313	Boot and shoe cut stock and findings	2.1	.1	2.0	.1	–	.1	2.9	.3	2.6	.2	.1	.1	31	38
3131	Boot and shoe cut stock and findings	2.1	.1	2.0	.1	–	.1	2.9	.3	2.6	.2	.1	.1	31	38
314	Footwear, except rubber	41.7	9.9	31.8	5.8	1.4	4.4	53.3	13.1	40.2	7.2	1.5	5.7	11	17
3142	House slippers	6.0	1.9	4.1	.9	–	.9	4.2	.7	3.5	–	–	–	48	(A)
3143	Men's footwear, except athletic	16.2	4.3	11.9	1.0	.2	.8	28.9	7.6	21.3	1.1	.4	.7	15	7
3144	Women's footwear, except athletic	13.8	3.3	10.5	2.0	.6	1.4	12.3	2.5	9.8	4.6	.5	4.1	19	13
3149	Footwear, except rubber, n.e.c.	5.7	.4	5.3	1.9	.6	1.3	7.9	2.3	5.6	1.5	.6	.9	5	14
315	Leather gloves and mittens	.8	.1	.7	–	–	–	1.0	.1	.9	–	–	–	15	(X)
3151	Leather gloves and mittens	.8	.1	.7	–	–	–	1.0	.1	.9	–	–	–	15	(X)
316	Luggage	9.5	3.1	6.4	.6	.2	.4	10.6	5.2	5.4	.8	.2	.6	18	31
3161	Luggage	9.5	3.1	6.4	.6	.2	.4	10.6	5.2	5.4	.8	.2	.6	18	31
317	Handbags and other personal leather goods	6.2	1.1	5.1	2.4	2.0	.4	10.0	3.3	6.7	2.5	1.7	.8	13	64
3171	Women's handbags and purses	3.5	.7	2.8	2.3	2.0	.3	4.6	1.4	3.2	2.0	1.7	.3	20	67
3172	Personal leather goods, n.e.c.	2.7	.4	2.3	.1	–	.1	5.4	1.9	3.5	.5	–	.5	14	25
319	Leather goods, n.e.c.	2.2	.2	2.0	1.0	.4	.6	2.1	.4	1.7	1.6	.6	1.0	20	40
3199	Leather goods, n.e.c.	2.2	.2	2.0	1.0	.4	.6	2.1	.4	1.7	1.6	.6	1.0	20	40
32	**Stone, clay, and glass products**	**2 333.6**	**289.5**	**2 043.1**	**158.4**	**34.2**	**124.2**	**'2 773.7**	**'403.8**	**'2 369.9**	**293.4**	**49.5**	**243.9**	**3**	**7**
321	Flat glass	85.7	7.1	78.6	(D)	(D)	(D)	260.1	22.3	237.8	2.7	–	2.7	1	(X)
3211	Flat glass	85.7	7.1	78.6	(D)	(D)	(D)	260.1	22.3	237.8	2.7	–	2.7	1	(X)
322	Glass and glassware, pressed or blown	439.9	47.9	392.0	(D)	(D)	(D)	430.6	46.5	384.1	17.4	.2	17.2	1	(X)
3221	Glass containers	211.4	17.6	193.8	(D)	(D)	(D)	182.9	9.5	173.4	1.9	.1	1.8	1	(X)
3229	Pressed and blown glass, n.e.c.	228.5	30.3	198.2	(D)	(D)	(D)	247.7	37.0	210.7	15.5	.1	15.4	2	(X)
323	Products of purchased glass	219.3	39.0	180.3	15.3	3.8	11.5	148.6	30.4	118.2	16.9	2.4	14.5	23	14
3231	Products of purchased glass	219.3	39.0	180.3	15.3	3.8	11.5	148.6	30.4	118.2	16.9	2.4	14.5	23	14
324	Cement, hydraulic	189.3	11.7	157.6	16.6	6.2	10.4	196.3	17.7	178.6	83.2	7.2	76.0	4	34
3241	Cement, hydraulic	189.3	11.7	157.6	16.6	6.2	10.4	196.3	17.7	178.6	83.2	7.2	76.0	4	34
325	Structural clay products	113.9	27.8	86.1	3.8	.2	3.6	132.9	24.5	108.4	2.4	.2	2.2	22	17
3251	Brick and structural clay tile	43.8	7.5	36.3	1.6	.2	1.4	77.9	11.8	66.3	1.4	.2	1.2	20	28
3253	Ceramic wall and floor tile	51.3	17.2	34.1	–	–	–	28.2	8.5	19.7	.2	–	.2	46	(X)
3255	Clay refractories	15.8	2.8	13.0	(D)	(D)	(D)	22.1	4.0	18.1	.7	–	.7	19	(X)
3259	Structural clay products, n.e.c.	3.0	.3	2.7	(D)	(D)	(D)	4.7	.4	4.3	.1	–	.1	11	(X)
326	Pottery and related products	73.5	15.1	58.4	3.5	.9	2.6	'93.4	'20.4	'73.0	5.1	.4	4.7	5	38
3261	Vitreous plumbing fixtures	34.3	7.4	26.9	(D)	(D)	(D)	(D)	(D)	(D)	.7	.4	.3	5	(X)
3262	Vitreous china food utensils	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3263	Fine earthenware food utensils	(D)	(D)	(D)	–	–	–	.3	.2	.1	(D)	(D)	(D)	(X)	(X)
3264	Porcelain electrical supplies	22.6	3.3	19.3	(D)	(D)	(D)	46.0	8.2	37.8	2.2	–	2.2	13	(X)
3269	Pottery products, n.e.c.	9.4	3.5	5.9	.5	.2	.3	'16.0	'2.9	'13.1	1.5	–	1.5	17	28
327	Concrete, gypsum, and plaster products	764.1	81.4	682.7	82.4	11.3	71.1	921.9	142.7	779.2	121.1	13.4	107.7	5	8
3271	Concrete block and brick	70.6	5.2	65.4	(D)	(D)	(D)	72.5	7.3	65.2	18.5	1.7	16.8	18	(X)
3272	Concrete products, n.e.c.	137.4	17.6	119.8	12.9	2.2	10.7	212.2	44.4	167.8	13.8	1.5	12.3	12	29
3273	Ready-mixed concrete	378.0	30.6	347.4	51.6	7.6	44.0	459.4	54.3	405.1	81.2	9.6	71.6	7	10
3274	Lime	38.8	2.6	36.2	.6	–	.6	70.1	22.2	47.9	1.2	–	1.2	19	39
3275	Gypsum products	139.3	25.4	113.9	(D)	(D)	(D)	107.7	14.5	93.2	6.4	.6	5.8	3	(X)
328	Cut stone and stone products	33.2	4.9	28.3	(D)	(D)	(D)	30.5	6.3	24.2	2.3	1.3	1.0	29	(X)
3281	Cut stone and stone products	33.2	4.9	28.3	(D)	(D)	(D)	30.5	6.3	24.2	2.3	1.3	1.0	29	(X)
329	Miscellaneous nonmetallic mineral products	433.7	54.6	379.1	15.5	6.3	9.2	559.4	93.0	466.4	42.3	24.4	17.9	3	19
3291	Abrasive products	95.2	12.9	82.3	3.0	1.3	1.7	143.1	40.4	102.7	6.1	1.0	5.1	7	43
3292	Asbestos products	23.6	3.8	19.8	–	–	–	24.1	1.5	22.6	.1	–	.1	1	(X)
3293	Gaskets, packing, and sealing devices	52.0	8.6	53.4	4.5	1.6	2.9	93.0	15.5	77.5	6.2	2.1	4.1	11	16
3295	Minerals, ground or treated	54.3	7.1	47.2	5.7	2.0	3.7	72.0	4.5	67.5	2.5	–	2.5	14	44
3296	Mineral wool	160.9	18.3	142.6	1.9	1.2	.6	161.7	20.3	141.4	19.0	18.4	.6	1	1
3297	Nonclay refractories	13.7	1.2	12.5	(D)	(D)	(D)	32.5	6.5	26.0	5.8	1.1	4.7	18	(X)
3299	Nonmetallic mineral products, n.e.c.	24.0	2.7	21.3	(D)	(D)	(D)	33.0	4.3	28.7	2.6	1.8	.8	7	(X)

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
33	**Primary metal industries**	**3 180.4**	**387.0**	**2 793.4**	**174.4**	**38.8**	**135.6**	**'4 680.0**	**'908.3**	**'4 073.7**	**617.8**	**169.6**	**448.2**	**1**	**4**
331	Blast furnace and basic steel products	1 144.9	88.1	1 056.8	79.3	7.9	71.4	2 274.6	221.1	2 053.5	264.0	125.5	158.5	2	2
3312	Blast furnaces and steel mills	924.9	61.5	863.4	60.1	3.2	56.9	2 044.3	187.1	1 857.2	264.8	121.8	143.0	1	1
3313	Electrometallurgical products	33.0	5.2	27.8	.4	-	.4	32.4	3.2	29.2	4.4	.4	4.0	28	1
3315	Steel wire and related products	63.6	8.0	55.6	6.5	1.4	5.1	80.5	15.3	65.2	5.7	1.6	4.1	12	14
3316	Cold finishing of steel shapes	51.2	5.3	45.9	7.5	1.8	5.7	57.1	6.5	50.6	3.4	1.3	2.1	5	9
3317	Steel pipe and tubes	72.2	8.1	64.1	4.8	1.5	3.3	60.3	9.0	51.3	5.7	.4	5.3	4	11
332	Iron and steel foundries	497.4	79.1	418.3	29.3	10.7	18.6	446.1	63.3	382.8	38.2	4.0	34.2	3	14
3321	Gray iron foundries	393.2	62.8	330.4	15.9	2.5	13.4	329.8	50.5	279.3	24.6	2.0	22.6	3	21
3322	Malleable iron foundries	15.6	1.5	14.1	.7	-	.7	16.9	.5	16.4	4.1	.6	3.5	9	28
3324	Steel investment foundries	45.2	9.8	35.4	3.0	2.7	.3	51.4	8.6	42.8	.4	.1	.3	7	65
3325	Steel foundries, n.e.c.	43.4	5.0	38.4	9.7	5.5	4.2	48.0	3.7	44.3	9.1	1.3	7.9	17	14
333	Primary nonferrous metals	198.8	20.3	178.5	14.8	9.0	5.8	'442.4	'79.0	'363.4	120.9	18.6	102.3	1	1
3331	Primary copper	13.8	1.9	11.9	11.6	8.5	3.1	'42.5	'2.6	'39.9	1.4	.2	1.2	1	1
3332	Primary lead	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3333	Primary zinc	7.7	.8	6.9	-	-	-	9.3	1.6	7.7	-	-	-	1	(X)
3334	Primary aluminum	71.1	8.9	62.2	.2	-	.2	122.8	21.2	101.6	(D)	(D)	(D)	(X)	(X)
3339	Primary nonferrous metals, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
334	Secondary nonferrous metals	58.2	11.9	46.3	7.5	6.1	1.4	103.0	25.8	77.2	5.6	.9	4.7	9	5
3341	Secondary nonferrous metals	58.2	11.9	46.3	7.5	6.1	1.4	103.0	25.8	77.2	5.6	.9	4.7	9	5
335	Nonferrous rolling and drawing	935.3	118.8	816.5	18.3	3.0	15.3	1 018.0	156.1	861.9	139.8	18.0	121.8	2	6
3351	Copper rolling and drawing	85.1	7.0	78.1	3.2	.1	3.1	132.0	19.2	112.8	14.1	3.3	10.8	6	38
3353	Aluminum sheet, plate, and foil	439.4	64.3	375.1	1.1	.1	1.0	348.0	55.3	292.7	(D)	(D)	(D)	1	1
3354	Aluminum extruded products	109.0	16.3	92.7	1.9	1.0	.9	120.6	20.7	99.9	10.6	.5	10.1	10	19
3355	Aluminum rolling and drawing, n.e.c.	7.5	.8	6.7	-	-	-	13.2	2.3	10.9	-	-	-	1	(X)
3356	Nonferrous rolling and drawing, n.e.c.	74.7	7.6	67.1	2.2	.6	1.6	91.7	11.4	80.3	(D)	(D)	(D)	2	1
3357	Nonferrous wire drawing and insulating	219.6	22.8	196.8	9.9	1.2	8.7	312.5	47.2	265.3	58.5	2.5	56.0	2	5
336	Nonferrous foundries	208.0	34.9	173.1	14.4	1.0	13.4	256.8	35.2	221.6	15.3	1.4	13.9	6	19
3361	Aluminum foundries	163.1	28.8	134.3	7.7	.6	7.1	'195.5	23.5	172.0	8.3	.2	8.1	8	26
3362	Brass, bronze, and copper foundries	14.4	1.5	12.9	2.3	-	2.3	21.2	3.2	18.0	3.4	.1	3.3	22	16
3360	Nonferrous foundries, n.e.c.	30.5	4.6	25.9	4.4	.4	4.0	40.1	8.5	31.6	3.6	1.1	2.5	11	43
339	Miscellaneous primary metal products	137.8	33.9	103.9	10.8	1.1	9.7	'139.0	'25.8	'113.3	14.0	1.2	12.8	10	28
3398	Metal heat treating	84.6	21.6	63.0	8.6	.5	8.1	'79.4	12.5	'67.0	9.9	.7	9.2	15	33
3399	Primary metal products, n.e.c.	53.2	12.3	40.9	2.2	.6	1.6	'59.6	'13.3	'46.3	4.1	.5	3.6	9	40
34	**Fabricated metal products**	**4 485.0**	**624.2**	**3 860.8**	**485.9**	**158.2**	**327.6**	**4 345.6**	**709.9**	**3 635.7**	**491.0**	**128.0**	**363.0**	**2**	**5**
341	Metal cans and shipping containers	378.0	11.2	366.8	54.1	10.2	43.9	280.6	20.5	260.1	19.0	.9	18.1	3	3
3411	Metal cans	362.7	8.6	354.1	52.2	10.0	42.2	263.6	19.1	244.5	17.4	.9	16.5	3	3
3412	Metal barrels, drums, and pails	15.3	2.6	12.7	1.9	.2	1.7	17.0	1.4	15.6	1.6	-	1.6	9	46
342	Cutlery, hand tools, and hardware	403.4	54.5	348.9	35.4	'20.1	15.3	402.0	49.1	352.9	23.2	3.3	19.9	5	25
3421	Cutlery	47.3	11.1	36.2	3	-	3	43.9	11.1	32.8	1.0	.2	.8	4	5
3423	Hand and edge tools, n.e.c.	105.4	22.4	83.0	10.3	4.5	5.8	96.3	12.4	83.9	13.0	2.3	10.7	14	19
3425	Hand saws and saw blades	14.2	1.6	12.6	1.8	.7	1.1	28.1	5.2	22.9	1.5	-	1.5	36	50
3429	Hardware, n.e.c.	236.5	19.4	217.1	23.0	14.9	8.1	233.7	20.4	213.3	7.7	.8	6.9	5	37
343	Plumbing and heating, except electric	94.0	11.3	82.7	9.3	3.0	6.3	129.8	25.3	104.5	12.6	3.4	9.2	5	42
3431	Metal sanitary ware	23.6	2.5	21.1	(D)	(D)	(D)	(D)	2.5	23.6	(D)	(D)	(D)	5	(X)
3432	Plumbing fittings and brass goods	24.7	2.0	22.7	(D)	(D)	(D)	45.1	9.6	35.5	(D)	(D)	(D)	8	(X)
3433	Heating equipment, except electric	45.7	6.8	38.9	3.6	2.1	1.5	58.6	13.2	45.4	4.9	1.5	3.4	7	62
344	Fabricated structural metal products	697.3	146.7	550.6	107.6	35.3	72.3	734.9	145.3	589.6	140.8	34.8	106.0	4	9
3441	Fabricated structural metal	161.8	31.0	130.8	34.9	12.5	22.4	154.7	23.7	131.0	49.7	12.8	36.9	9	13
3442	Metal doors, sash, and trim	139.2	41.6	97.6	8.5	3.0	5.5	115.0	34.5	80.5	14.4	2.8	11.6	7	15
3443	Fabricated plate work (boiler shops)	110.1	20.4	89.7	14.7	2.7	12.0	150.2	28.9	121.3	22.1	5.0	17.1	7	12
3444	Sheet metal work	126.2	17.3	108.9	26.6	6.2	20.4	159.9	28.5	131.4	34.0	7.9	26.1	6	8
3446	Architectural metal work	44.4	8.3	36.1	2.3	.3	2.0	48.1	10.8	37.3	2.1	.8	1.3	14	22
3448	Prefabricated metal buildings	47.4	8.6	38.8	10.8	5.1	5.7	50.4	10.2	40.2	12.5	4.9	7.6	16	42
3449	Miscellaneous metal work	68.2	19.5	48.7	9.8	5.5	4.3	56.6	8.7	47.9	6.0	.6	5.4	7	54
345	Screw machine products, bolts, etc.	243.0	30.2	212.8	24.1	7.0	27.1	247.6	36.1	211.5	33.0	5.4	27.6	10	13
3451	Screw machine products	98.5	17.2	81.3	17.1	4.0	13.1	109.4	12.7	96.7	18.2	2.0	16.2	14	19
3452	Bolts, nuts, rivets, and washers	144.5	13.0	131.5	17.0	3.0	14.0	138.2	23.4	114.8	14.8	3.4	11.4	14	17
346	Metal forgings and stampings	1 596.8	211.9	1 384.9	102.1	25.1	77.0	1 298.3	197.4	1 100.9	98.2	26.2	72.0	2	11
3462	Iron and steel forgings	74.4	4.8	69.6	7.5	.7	6.8	95.6	9.3	86.3	11.8	1.0	10.8	5	10
3463	Nonferrous forgings	43.8	3.9	39.9	2.1	.2	1.9	45.1	3.4	41.7	4.5	2.2	2.3	4	1
3465	Automotive stampings	1 183.0	165.7	1 017.3	33.1	3.6	29.5	830.6	133.0	697.6	26.0	4.4	21.6	2	12
3466	Crowns and closures	38.7	3.9	34.8	2.9	-	2.9	22.0	2.8	19.2	2.8	.1	2.7	1	18
3469	Metal stampings, n.e.c.	256.9	33.6	223.3	56.5	20.6	35.9	305.0	48.9	256.1	53.1	18.5	34.6	10	16
347	Metal services, n.e.c.	275.6	47.2	228.4	38.8	13.0	25.8	310.9	63.6	247.3	37.6	12.7	24.9	9	11
3471	Plating and polishing	137.7	30.0	107.7	25.9	10.4	15.5	160.4	39.2	121.2	25.0	8.5	16.5	9	13
3479	Metal coating and allied services	137.9	17.2	120.7	12.9	2.6	10.3	150.5	24.4	126.1	12.6	4.2	8.4	14	17
348	Ordnance and accessories, n.e.c.	155.4	15.0	140.4	9.2	3.2	6.0	138.2	23.2	115.0	18.2	6.5	9.7	2	12
3482	Small arms ammunition	34.3	1.8	32.5	.2	-	.2	28.9	5.2	23.7	.7	.3	.4	1	1
3483	Ammunition, except for small arms, n.e.c.	56.6	7.8	48.8	2.9	1.3	1.6	50.8	9.0	41.8	7.4	4.9	2.6	2	1
3484	Small arms	32.3	1.8	30.5	2.4	1.2	1.2	29.6	5.8	23.8	4.3	1.3	3.0	5	1
3489	Ordnance and accessories, n.e.c.	32.2	3.6	28.6	3.7	.7	3.0	28.9	3.2	25.7	3.8	.1	3.7	4	28
349	Miscellaneous fabricated metal products	641.5	96.2	545.3	95.2	41.3	53.9	803.3	149.4	653.9	110.4	34.8	75.6	4	14
3493	Steel springs, except wire	15.4	4.2	11.2	.4	-	.4	9.5	.9	8.6	1.5	.5	1.0	8	62
3494	Valves and pipe fittings	260.1	44.5	215.6	20.0	6.2	13.8	308.8	49.0	259.8	45.3	15.9	29.4	5	13
3495	Wire springs	60.7	4.9	55.8	3.2	1.3	1.9	62.2	4.7	57.5	12.1	6.2	5.9	12	23
3496	Miscellaneous fabricated wire products	68.7	12.0	56.7	28.3	15.9	12.4	106.1	27.0	79.1	22.1	7.6	14.3	6	18
3497	Metal foil and leaf	50.9	3.9	47.0	.6	-	.6	65.4	11.4	54.0	1.2	.1	1.1	6	1
3498	Fabricated pipe and fittings	47.0	7.3	39.7	5.1	2.4	2.7	78.9	17.2	61.7	10.1	.8	9.3	20	35
3499	Fabricated metal products, n.e.c.	136.7	19.4	119.3	37.6	15.5	22.1	172.4	39.2	133.2	18.1	3.5	14.6	14	32

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used captial expenditures (million dollars)			New capital expenditures (million dollars)			Used captial expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
35	**Machinery, except electrical**	**6 690.6**	**1 060.2**	**5 630.4**	**504.3**	**161.2**	**343.1**	**8 323.0**	**1 326.7**	**6 996.3**	**802.2**	**192.7**	**609.5**	**2**	**3**
351	Engines and turbines	420.1	39.0	381.1	19.5	.6	18.9	500.1	81.3	418.8	38.7	5.6	33.1	2	4
3511	Turbines and turbine generator sets	82.1	13.7	68.4	7.9	.2	7.7	95.2	13.5	81.7	15.7	2.1	13.6	6	3
3519	Internal combustion engines, n.e.c.	338.0	25.3	312.7	11.6	.4	11.2	404.9	67.8	337.1	23.0	3.5	19.5	1	6
352	Farm and garden machinery	192.9	24.1	168.8	10.8	2.8	8.0	234.2	30.5	203.7	27.9	4.1	23.8	5	12
3523	Farm machinery and equipment	138.9	18.3	120.6	7.1	1.2	5.9	163.5	24.6	136.9	20.6	.9	19.7	7	18
3524	Lawn and garden equipment	54.0	5.8	48.2	3.7	1.6	2.1	70.7	5.9	64.8	7.3	3.2	4.1	2	8
353	Construction and related machinery	504.3	98.7	405.6	58.0	25.1	32.9	606.2	106.6	499.6	95.3	22.9	72.4	3	13
3531	Construction machinery	296.0	44.2	251.8	20.3	5.5	14.8	301.8	34.7	267.1	34.5	9.6	24.9	5	12
3532	Mining machinery	32.8	10.2	22.6	3.9	.3	3.6	26.7	5.3	21.4	4.7	.7	4.0	6	4
3533	Oil field machinery	72.7	18.0	54.7	6.8	4.0	2.8	132.5	26.7	105.8	43.1	10.4	32.7	4	44
3534	Elevators and moving stairways	16.4	1.2	15.2	7.4	1.1	6.3	21.8	4.2	17.6	.6	.4	.2	3	64
3535	Conveyors and conveying equipment	49.3	20.2	29.1	3.1	.6	2.5	67.7	21.0	46.7	7.5	1.1	6.4	8	15
3536	Hoists, cranes, and monorails	6.3	.8	5.5	(D)	(D)	(D)	10.0	1.2	8.8	2.5	.6	1.9	16	(X)
3537	Industrial trucks and tractors	30.8	4.1	26.7	(D)	(D)	(D)	45.7	13.5	32.2	2.4	.1	2.3	11	(X)
354	Metalworking machinery	649.5	103.8	545.7	85.5	32.8	52.7	843.1	146.0	697.1	96.8	22.0	74.8	3	11
3541	Machine tools, metal cutting types	62.7	13.3	49.4	3.9	1.2	2.7	91.6	14.6	77.0	10.3	4.3	6.0	4	16
3542	Machine tools, metal forming types	33.9	5.1	28.8	10.4	8.2	2.2	43.7	9.3	34.4	4.9	.5	4.4	6	66
3544	Special dies, tools, jigs, and fixtures	333.6	53.6	280.0	44.9	11.1	33.8	401.8	72.8	329.0	45.4	10.3	35.1	5	9
3545	Machine tool accessories	108.5	11.8	96.7	14.8	8.2	6.4	167.9	34.7	133.2	24.5	4.8	19.7	7	27
3546	Power driven hand tools	72.1	9.5	62.6	4.5	3.7	.8	80.3	4.9	75.4	5.6	.1	5.5	7	48
3547	Rolling mill machinery	3.6	.4	3.2	3.1	-	3.1	9.2	.5	8.7	1.1	-	1.1	9	7
3549	Metalworking machinery, n.e.c.	35.1	10.1	25.0	4.1	.4	3.7	48.8	9.2	39.4	5.0	2.0	3.0	8	21
355	Special industry machinery	384.9	66.8	298.1	39.7	21.2	18.5	456.2	100.1	356.1	68.4	10.8	57.6	6	9
3551	Food products machinery	49.3	11.2	38.1	1.7	.9	.8	50.6	9.9	40.7	2.3	.3	2.0	10	47
3552	Textile machinery	22.1	2.8	19.3	5.8	.2	5.6	29.2	7.7	21.5	34.8	.9	33.9	10	4
3553	Woodworking machinery	8.9	2.2	6.7	3.7	2.2	1.5	10.1	4.3	5.8	1.6	.1	1.5	20	32
3554	Paper industries machinery	37.8	12.7	25.1	1.9	.7	1.2	40.6	8.4	32.2	7.5	3.6	3.9	20	28
3555	Printing trades machinery	74.3	8.0	66.3	3.3	1.8	1.5	121.4	21.5	99.9	3.7	.7	3.0	5	57
3559	Special industry machinery, n.e.c.	172.5	29.9	142.6	23.3	15.4	7.9	204.3	48.3	156.0	18.5	5.2	13.3	11	10
356	General industrial machinery	736.7	123.1	613.6	78.3	13.5	64.8	818.6	124.3	694.3	98.8	16.0	82.8	4	10
3561	Pumps and pumping equipment	142.9	22.7	120.2	9.4	.7	8.7	184.5	25.2	159.3	25.9	4.4	21.5	3	2
3562	Ball and roller bearings	173.0	35.1	137.9	12.3	1.6	10.7	138.7	12.1	126.6	19.5	.2	19.3	7	18
3563	Air and gas compressors	68.0	8.6	59.4	8.5	.3	8.2	110.3	10.7	99.6	7.3	3.1	4.2	21	53
3564	Blowers and fans	53.6	6.7	46.9	2.5	.5	2.0	42.6	9.4	33.2	7.3	2.3	5.0	16	9
3565	Industrial patterns	14.1	1.1	13.0	1.7	-	1.7	15.6	2.7	12.9	1.8	-	1.8	37	97
3566	Speed changers, drives, and gears	65.6	4.4	61.2	15.1	1.5	13.6	71.3	11.2	60.1	9.0	1.1	7.9	12	26
3567	Industrial furnaces and ovens	21.9	3.8	18.1	1.8	.2	1.6	27.4	8.7	18.7	1.3	.5	.8	9	6
3568	Power transmission equipment, n.e.c.	60.0	6.2	53.8	11.2	1.7	9.5	81.8	12.0	69.8	10.5	.5	10.0	14	12
3569	General industrial machinery, n.e.c.	137.6	34.5	103.1	15.8	7.0	8.8	146.4	32.3	114.1	16.2	3.9	12.3	5	17
357	Office and computing machines	2 403.7	406.4	1 997.3	115.6	38.2	77.4	3 431.7	542.6	2 889.1	265.5	86.3	179.2	2	3
3573	Electronic computing equipment	2 209.7	385.6	1 824.1	71.6	12.7	58.9	3 139.7	508.7	2 631.0	232.9	84.7	148.2	2	4
3574	Calculating and accounting machines	19.7	2.0	17.7	(D)	(D)	(D)	25.5	2.0	23.5	(D)	(D)	(D)	9	(X)
3576	Scales and balances, except laboratory	9.4	1.4	8.0	(D)	(D)	(D)	9.9	1.8	8.1	.4	.1	.3	16	(X)
3579	Office machines, n.e.c., and typewriters	164.9	17.4	147.5	41.3	23.4	17.9	256.6	30.1	226.5	(D)	(D)	(D)	1	1
358	Refrigeration and service machinery	601.4	96.6	504.8	24.0	9.0	15.0	543.0	87.1	455.9	27.4	6.5	20.9	2	11
3581	Automatic merchandising machines	27.0	14.1	12.9	1	-	.1	13.4	1.7	11.7	1	-	1	4	88
3582	Commercial laundry equipment	6.9	1.0	5.9	-	-	-	6.8	1.0	5.8	.2	-	.2	29	(X)
3585	Refrigeration and heating equipment	493.1	71.0	422.1	12.1	3.0	9.1	436.5	66.1	370.4	19.8	5.4	14.4	2	5
3586	Measuring and dispensing pumps	16.4	.9	15.5	.2	-	.2	21.3	1.4	19.9	.2	-	.2	2	9
3589	Service industry machinery, n.e.c.	58.0	9.6	48.4	11.6	6.0	5.6	65.0	16.9	48.1	7.1	1.1	6.0	6	22
359	Miscellaneous machinery, except electrical	817.1	101.7	715.4	72.9	18.0	54.9	889.9	108.2	781.7	83.4	18.5	64.9	5	6
3592	Carburetors, pistons, rings, valves	244.4	39.4	205.0	3.1	.5	2.6	168.0	33.1	134.9	7.7	.3	7.4	1	1
3599	Machinery, except electrical, n.e.c.	572.7	62.3	510.4	69.8	17.5	52.3	701.9	75.1	626.8	75.7	18.2	57.5	6	7
36	**Electric and electronic equipment**	**9 059.8**	**1 878.6**	**7 181.2**	**378.1**	**164.9**	**213.2**	**10 466.3**	**2 088.2**	**8 378.1**	**902.9**	**429.3**	**473.6**	**1**	**2**
361	Electric distributing equipment	244.9	58.2	186.7	5.3	2.5	2.8	234.1	37.3	196.8	17.4	1.1	16.3	8	12
3612	Transformers	66.2	12.9	53.3	2.8	1.6	1.2	79.1	14.3	64.8	13.4	.6	12.8	5	5
3613	Switchgear and switchboard apparatus	178.7	45.3	133.4	2.5	.9	1.6	155.0	23.0	132.0	4.0	.5	3.5	10	24
362	Electrical industrial apparatus	482.1	88.6	393.5	33.0	13.2	19.8	549.7	71.9	477.8	38.8	8.6	30.2	4	10
3621	Motors and generators	232.7	48.8	183.9	11.0	4.8	6.2	262.5	29.3	233.2	15.7	.7	15.0	3	3
3622	Industrial controls	157.7	27.7	130.0	8.0	4.2	3.8	170.6	26.6	144.0	16.2	7.0	9.2	8	41
3623	Welding apparatus, electric	23.8	2.3	21.5	.6	.2	.4	32.8	7.6	25.2	.7	(Z)	.7	5	2
3624	Carbon and graphite products	38.5	4.0	34.5	5.7	.3	5.4	52.3	3.9	48.4	(D)	(D)	(D)	10	1
3629	Electrical industrial apparatus, n.e.c.	29.4	5.8	23.6	7.7	3.7	4.0	31.5	4.5	27.0	(D)	(D)	(D)	5	2
363	Household appliances	405.6	65.9	339.7	14.7	4.2	10.5	410.9	77.7	333.2	62.9	38.2	24.7	2	12
3631	Household cooking equipment	88.6	15.1	73.5	7.5	2.3	5.2	76.6	18.4	58.2	43.6	35.2	8.4	1	2
3632	Household refrigerators and freezers	84.9	11.8	73.1	.7	.1	.6	64.3	12.8	51.5	10.0	.2	9.8	2	1
3633	Household laundry equipment	69.3	6.0	63.3	.4	-	.4	81.4	17.2	64.2	1.9	.1	1.8	5	1
3634	Electric housewares and fans	65.7	9.3	56.4	3.0	.9	2.1	66.5	10.8	57.7	2.2	.6	1.6	5	58
3635	Household vacuum cleaners	46.7	11.6	35.1	1.8	.1	1.7	35.3	4.1	31.2	(D)	(D)	(D)	5	1
3636	Sewing machines	5.5	2.3	3.2	.1	-	.1	12.9	.7	12.2	(D)	(D)	(D)	23	18
3639	Household appliances, n.e.c.	44.9	9.8	35.1	1.2	.8	.4	71.9	13.7	58.2	2.5	1.4	1.1	2	1
364	Electric lighting and wiring equipment	551.9	72.6	479.3	34.0	11.8	22.2	526.4	92.3	434.1	87.1	18.1	69.0	4	9
3641	Electric lamps	128.2	10.7	117.5	(D)	(D)	(D)	122.9	21.8	101.1	(D)	(D)	(D)	1	(X)
3643	Current-carrying wiring devices	101.2	19.7	81.5	5.7	1.7	4.0	109.0	22.8	86.2	40.4	8.9	31.5	5	31
3644	Noncurrent-carrying wiring devices	62.8	9.7	53.1	2.4	2.0	.4	79.1	19.8	59.3	5.6	3.7	1.9	3	75
3645	Residential lighting fixtures	20.2	1.5	18.7	(D)	(D)	(D)	31.3	7.5	23.8	(D)	(D)	(D)	11	(X)
3646	Commercial lighting fixtures	58.4	16.6	39.8	2.7	.7	2.0	53.0	10.6	42.4	10.4	3.5	6.9	14	28
3647	Vehicular lighting equipment	150.6	3.9	146.7	1.0	.4	.6	67.7	3.6	64.1	1.4	.1	1.3	9	66
3648	Lighting equipment, n.e.c.	32.5	10.5	22.0	2.4	.5	1.9	43.4	6.2	37.2	3.2	.4	2.8	19	26
365	Radio and TV receiving equipment	316.8	29.5	287.3	4.4	3.4	1.0	301.7	34.0	267.7	10.3	2.8	7.5	2	25
3651	Radio and TV receiving sets	240.5	15.6	224.9	3.8	3.2	.6	252.9	24.6	228.3	3.8	2.1	1.7	2	25
3652	Phonograph records and prerecorded tape	76.3	13.9	62.4	.6	.2	.4	48.8	9.4	39.4	6.5	.7	5.8	7	14

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used captial expenditures (million dollars)			New capital expenditures (million dollars)			Used captial expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
36	**Electric and electronic equipment**—Con.														
366	Communication equipment	3 098.9	708.9	2 390.0	119.2	82.5	36.7	3 327.9	735.7	2 592.2	137.8	45.0	92.8	1	1
3661	Telephone and telegraph apparatus	629.6	78.7	550.9	5.6	3.0	2.6	725.7	145.9	579.8	62.6	4.9	57.7	3	2
3662	Radio and TV communication equipment	2 469.3	630.2	1 839.1	113.6	79.5	34.1	2 602.2	589.8	2 012.4	75.2	40.1	35.1	2	1
367	Electronic components and accessories	3 418.6	751.6	2 667.0	142.6	35.4	107.2	4 492.7	925.8	3 566.9	517.8	311.0	206.8	1	1
3671	Electron tubes, all types	109.0	14.7	94.3	6.6	5.6	1.0	160.2	31.6	128.6	4.2	3.1	1.1	1	1
3674	Semiconductors and related devices	2 220.2	538.5	1 681.7	66.2	10.3	55.9	2 831.7	613.4	2 218.3	389.9	281.8	108.1	1	1
3675	Electronic capacitors	75.1	14.9	60.2	3.8	1.8	2.0	125.2	20.7	104.5	63.1	5.1	58.0	3	12
3676	Electronic resistors	69.3	10.6	58.7	2.0	.6	1.4	88.0	9.4	78.6	3.7	.9	2.8	16	30
3677	Electronic coils and transformers	15.8	2.0	13.8	1.3	.6	.7	19.7	2.4	17.3	7.0	3.5	3.5	16	53
3678	Electronic connectors	125.4	21.4	104.0	24.0	3.1	20.9	207.3	41.3	166.0	18.4	6.6	11.8	4	1
3679	Electronic components, n.e.c.	803.8	149.5	654.3	38.7	13.4	25.3	1 060.6	207.0	853.6	31.5	10.0	21.5	2	3
369	Miscellaneous electrical equipment	541.0	103.3	437.7	24.9	11.9	13.0	622.9	113.5	509.4	30.8	4.5	26.3	2	3
3691	Storage batteries	109.8	25.8	84.0	9	.1	.8	118.0	24.4	93.6	12.0	1.3	10.7	2	12
3692	Primary batteries, dry and wet	47.0	2.3	44.7	(D)	(D)	(D)	65.8	11.2	54.6	(D)	(D)	(D)	5	(X)
3693	X-ray and electromedical apparatus	158.1	43.7	114.4	5.5	2.6	2.9	170.4	42.5	127.9	7.6	2.1	5.5	4	4
3694	Engine electrical equipment	186.2	23.2	163.0	15.4	7.2	8.2	222.2	26.2	196.0	6.4	.7	5.7	2	1
3699	Electrical equipment and supplies, n.e.c.	39.9	8.3	31.6	(D)	(D)	(D)	46.5	9.2	37.3	(D)	(D)	(D)	8	(X)
37	**Transportation equipment**	**11 295.3**	**2 563.2**	**8 732.1**	**332.6**	**108.1**	**224.5**	**10 377.7**	**2 179.9**	**8 197.8**	**799.9**	**288.8**	**511.1**	**1**	**3**
371	Motor vehicles and equipment	6 693.0	1 284.5	5 408.5	169.6	56.6	113.0	6 037.9	852.9	5 185.0	516.9	150.4	366.5	1	6
3711	Motor vehicles and car bodies	3 912.8	981.8	2 931.0	60.2	28.5	31.7	2 904.7	619.6	2 285.1	(D)	(D)	(D)	1	1
3713	Truck and bus bodies	82.3	10.9	71.4	13.8	5.5	8.3	63.3	14.3	49.0	15.0	7.2	7.8	8	16
3714	Motor vehicle parts and accessories	2 644.0	280.3	2 363.7	88.5	19.1	69.4	2 962.0	175.9	2 786.1	153.2	18.4	134.8	1	10
3715	Truck trailers	31.6	5.2	26.4	4.6	2.9	1.7	66.1	25.9	40.2	23.2	7.4	15.8	11	31
3716	Motor homes produced on purchased chassis	22.3	6.3	16.0	2.5	.6	1.9	41.8	17.2	24.6	(D)	(D)	(D)	6	18
372	Aircraft and parts	2 817.7	748.3	2 069.4	107.2	35.5	71.7	2 428.6	607.7	1 820.9	186.0	108.9	77.1	1	3
3721	Aircraft	1 108.2	337.3	770.9	55.0	23.2	31.8	1 013.3	310.7	702.6	31.6	9.9	21.7	1	1
3724	Aircraft engines and engine parts	857.6	98.4	759.2	25.6	2.0	23.6	692.0	65.9	626.1	108.4	69.9	38.5	2	9
3728	Aircraft equipment, n.e.c.	851.9	312.6	539.3	26.6	10.3	16.3	723.3	231.1	492.2	46.0	29.1	16.9	2	7
373	Ship and boat building and repairing	302.0	121.0	181.0	27.3	9.4	17.9	375.9	157.5	218.4	21.5	5.7	15.8	2	3
3731	Ship building and repairing	214.2	95.0	119.2	22.8	8.6	14.2	296.0	133.1	162.9	15.5	4.5	11.0	1	3
3732	Boat building and repairing	87.8	26.0	61.8	4.5	.8	3.7	79.9	24.4	55.5	6.0	1.2	4.8	6	11
374	Railroad equipment	58.4	10.9	47.5	1.2	.1	1.1	79.2	11.5	67.7	3.0	.3	2.7	3	4
3743	Railroad equipment	58.4	10.9	47.5	1.2	.1	1.1	79.2	11.5	67.7	3.0	.3	2.7	3	4
375	Motorcycles, bicycles, and parts	21.4	4.0	17.4	.4	-	.4	23.4	4.8	18.6	.5	-	.5	8	10
3751	Motorcycles, bicycles, and parts	21.4	4.0	17.4	.4	-	.4	23.4	4.8	18.6	.5	-	.5	8	10
376	Guided missiles, space vehicles, parts	1 326.8	374.2	952.6	20.0	5.3	14.7	1 355.6	527.6	828.0	65.9	20.7	45.2	1	1
3761	Guided missiles and space vehicles	977.7	310.4	667.3	13.4	-	13.4	968.8	330.0	638.8	58.1	16.8	41.3	1	1
3764	Space propulsion units and parts	280.4	55.7	224.7	(D)	(D)	(D)	233.5	100.9	132.6	5.6	3.7	1.9	1	(X)
3769	Space vehicle equipment, n.e.c.	68.7	8.1	60.6	(D)	(D)	(D)	153.3	96.7	56.6	2.2	.2	2.0	2	(X)
379	Miscellaneous transportation equipment	76.0	20.3	55.7	6.9	1.2	5.7	77.1	17.9	59.2	6.1	2.8	3.3	7	4
3792	Travel trailers and campers	16.5	11.4	7.1	2.1	.1	2.0	14.5	5.4	9.1	(D)	(D)	(D)	4	1
3795	Tanks and tank components	28.5	3.7	24.8	.6	-	.6	32.4	4.9	27.5	(D)	(D)	(D)	8	18
3799	Transportation equipment, n.e.c.	29.0	5.2	23.8	4.2	1.1	3.1	30.2	7.6	22.6	1.8	.2	1.4	16	5
38	**Instruments and related products**	**2 277.3**	**409.7**	**1 867.6**	**142.9**	**57.3**	**85.6**	**2 581.2**	**503.5**	**2 077.7**	**298.6**	**78.7**	**220.9**	**3**	**12**
381	Engineering and scientific instruments	186.3	32.0	154.3	28.8	14.6	14.2	187.0	58.0	129.0	77.9	24.8	53.1	31	49
3811	Engineering and scientific instruments	186.3	32.0	154.3	28.8	14.6	14.2	187.0	58.0	129.0	77.9	24.8	53.1	31	49
382	Measuring and controlling devices	595.9	150.4	445.5	34.1	12.5	21.6	683.4	146.0	537.4	43.9	9.5	34.4	4	7
3822	Environmental controls	49.8	8.0	41.8	2.7	.4	2.3	63.6	7.5	56.1	2.1	.1	2.0	9	8
3823	Process control instruments	148.0	48.7	99.3	4.7	1.0	3.7	149.9	35.0	114.9	5.8	1.2	4.4	6	3
3824	Fluid meters and counting devices	29.0	2.5	26.5	.9	.4	.5	41.0	2.2	38.8	.9	.1	.8	10	11
3825	Instruments to measure electricity	290.4	75.9	214.5	23.0	9.3	13.7	343.1	82.0	261.1	25.2	7.9	17.3	6	11
3829	Measuring and controlling devices, n.e.c.	78.7	15.3	63.4	2.8	1.4	1.4	85.8	19.3	66.5	10.1	.2	9.9	6	12
383	Optical instruments and lenses	171.7	29.0	142.7	8.4	5.6	2.8	206.6	54.2	152.4	22.4	6.1	16.3	6	5
3832	Optical instruments and lenses	171.7	29.0	142.7	8.4	5.6	2.8	206.6	54.2	152.4	22.4	6.1	16.3	6	5
384	Medical instruments and supplies	505.2	122.2	383.0	34.1	15.4	18.7	575.6	138.2	437.4	42.1	7.3	34.8	4	23
3841	Surgical and medical instruments	217.2	42.3	174.9	13.3	8.8	4.5	202.9	36.2	166.7	25.1	2.0	23.1	6	52
3842	Surgical appliances and supplies	254.5	67.6	186.9	14.8	4.9	9.9	348.3	97.6	250.7	15.6	5.2	10.4	6	16
3843	Dental equipment and supplies	33.5	12.3	21.2	6.0	1.7	4.3	24.4	4.4	20.0	1.4	.1	1.3	14	49
385	Ophthalmic goods	92.6	11.8	80.8	2.9	1.1	1.8	78.6	19.8	58.8	13.5	1.5	12.0	6	5
3851	Ophthalmic goods	92.6	11.8	80.8	2.9	1.1	1.8	78.6	19.8	58.8	13.5	1.5	12.0	6	5
386	Photographic equipment and supplies	697.0	63.4	633.6	25.2	6	24.6	834.2	85.4	748.8	98.1	29.2	68.9	1	1
3861	Photographic equipment and supplies	697.0	63.4	633.6	25.2	6	24.6	834.2	85.4	748.8	98.1	29.2	68.9	1	1
387	Watches, clocks, and watchcases	28.6	.9	27.7	9.4	7.5	1.9	15.8	1.9	13.9	1.7	.3	1.4	45	21
3873	Watches, clocks, and watchcases	28.6	.9	27.7	9.4	7.5	1.9	15.8	1.9	13.9	1.7	.3	1.4	45	21

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1986 and 1985—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry group and industry	1986[1]						1985						Standard error of estimate[2] (percent) for column—	
		New capital expenditures (million dollars)			Used captial expenditures (million dollars)			New capital expenditures (million dollars)			Used captial expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L	A	D
39	**Miscellaneous manufacturing industries**	**655.4**	**132.5**	**522.9**	**64.1**	**24.0**	**40.1**	**666.8**	**149.9**	**516.9**	**81.7**	**39.2**	**42.5**	**4**	**12**
391	Jewelry, silverware, and plated ware	43.3	6.9	36.4	2.3	1.2	1.1	65.5	19.9	45.6	11.9	11.2	.7	6	18
3911	Jewelry, precious metal	27.3	2.5	24.8	(D)	(D)	(D)	26.1	4.3	21.8	(D)	(D)	(D)	8	(X)
3914	Silverware and plated ware	10.2	3.7	6.5	(D)	(D)	(D)	10.9	4.0	6.9	(D)	(D)	(D)	7	(X)
3915	Jewelers' materials and lapidary work	5.8	.7	5.1	.4	–	.4	28.5	11.6	16.9	.3	.2	.1	11	76
393	Musical instruments	11.0	1.7	9.3	1.4	.8	.6	15.0	2.8	12.2	3.4	.3	3.1	12	12
3931	Musical instruments	11.0	1.7	9.3	1.4	.8	.6	15.0	2.8	12.2	3.4	.3	3.1	12	12
394	Toys and sporting goods	227.1	34.7	192.4	19.4	10.5	8.9	195.7	33.1	162.6	16.1	5.4	10.7	5	11
3942	Dolls	(D)	(D)	(D)	–	–	–	16.2	.9	15.3	(D)	(D)	(D)	(X)	(X)
3944	Games, toys, and children's vehicles	112.4	18.5	93.9	12.8	7.5	5.3	68.2	7.1	61.1	4.6	.4	4.2	8	7
3949	Sporting and athletic goods, n.e.c.	(D)	(D)	(D)	6.6	3.0	3.6	111.3	25.1	86.2	(D)	(D)	(D)	(X)	30
395	Pens, pencils, and office and art supplies	66.8	14.8	52.0	6.6	2.0	4.6	58.3	5.3	53.0	7.9	2.8	5.1	19	25
3951	Pens and mechanical pencils	19.6	3.6	16.0	1.9	.6	1.3	20.1	.2	19.9	.4	.1	.3	9	7
3952	Lead pencils and art goods	12.9	2.9	10.0	.1	–	.1	14.7	3.1	11.6	1.6	1.2	.4	6	1
3953	Marking devices	16.8	5.7	11.1	1.3	.6	1.3	6.9	1.2	5.7	.4	.1	.3	72	82
3955	Carbon paper and inked ribbons	17.5	2.6	14.9	2.7	.8	1.9	16.6	.8	15.8	5.5	1.4	4.1	16	16
396	Costume jewelry and notions	59.1	11.7	47.4	5.7	.9	4.8	63.7	9.6	54.1	7.8	2.3	5.5	11	21
3961	Costume jewelry	19.0	2.9	16.1	2.9	.7	2.2	19.9	4.0	15.9	3.6	1.9	1.7	30	36
3962	Artificial flowers	9.2	.8	8.4	(D)	(D)	(D)	6.1	1.1	5.0	.8	–	.8	23	(X)
3963	Buttons	5.6	3.9	1.7	(D)	(D)	(D)	3.3	.5	2.8	.1	–	.1	44	(X)
3964	Needles, pins, and fasteners	25.3	4.1	21.2	2.0	.2	1.8	34.4	4.0	30.4	3.3	.4	2.9	3	3
399	Miscellaneous manufactures	248.1	62.7	185.4	28.7	8.6	20.1	268.6	79.2	189.4	34.6	17.2	17.4	7	24
3991	Brooms and brushes	27.6	10.7	16.9	2.8	1.2	1.6	26.1	2.4	23.7	2.4	1.9	.5	32	25
3993	Signs and advertising displays	75.2	10.5	64.7	18.9	5.7	13.2	98.3	42.0	56.3	20.1	11.2	8.9	19	35
3995	Burial caskets	29.7	7.7	22.0	(D)	(D)	(D)	28.5	5.1	23.4	(D)	(D)	(D)	4	(X)
3996	Hard surface floor coverings	52.4	10.6	41.8	(D)	(D)	(D)	37.7	4.2	33.5	(D)	(D)	(D)	1	(X)
3999	Manufacturing industries, n.e.c.	63.2	23.2	40.0	5.9	1.5	4.4	78.0	25.5	52.5	11.3	3.8	7.5	6	27

[1]For 1986 survey year, data on book value assets, depreciation, retirement of assets, and rental payments were not collected.
[2]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
	All industries	**311 121.1**	**100 040.5**	**108 715.1**	**102 365.5**	**322 249.3**	**103 558.3**	**112 800.4**	**105 890.6**	**1**	**1**	**1**	**1**
20	Food and kindred products	24 019.4	12 972.7	2 560.0	8 486.7	24 192.4	13 104.7	2 523.9	8 563.8	1	1	2	1
21	Tobacco products	5 925.8	635.0	124.7	5 166.1	6 202.6	676.2	131.8	5 394.6	1	4	3	1
22	Textile mill products	6 896.0	2 453.7	2 017.2	2 025.1	6 901.8	2 899.0	2 075.8	1 927.0	1	1	2	2
23	Apparel and other textile products	7 876.0	3 604.5	1 591.5	2 680.0	7 876.9	3 604.0	1 566.3	2 706.6	2	2	2	2
24	Lumber and wood products	6 571.8	2 575.7	1 309.5	2 686.6	6 437.7	2 565.1	1 262.2	2 610.4	2	3	3	3
25	Furniture and fixtures	4 850.5	1 592.8	1 144.3	2 113.4	4 780.8	1 540.8	1 128.1	2 111.9	2	2	3	2
26	Paper and allied products	10 238.4	3 760.2	1 190.1	5 288.1	9 984.7	3 746.6	1 188.7	5 049.4	1	1	1	1
27	Printing and publishing	8 859.2	3 151.9	1 933.2	3 774.1	8 606.4	2 976.7	1 856.9	3 772.8	2	2	2	2
28	Chemicals and allied products	24 214.6	11 981.2	3 690.6	8 542.8	24 793.3	12 393.2	3 805.7	8 594.4	1	1	2	1
29	Petroleum and coal products	9 162.5	4 598.0	2 143.4	2 421.1	14 108.9	6 829.7	3 553.3	3 725.9	1	1	1	2
30	Rubber and miscellaneous plastics products	8 333.0	3 829.1	1 320.3	3 183.6	8 525.6	3 918.0	1 340.3	3 267.3	2	2	3	2
31	Leather and leather products	1 371.0	632.8	303.3	434.9	1 429.5	660.0	317.0	452.5	4	4	4	5
32	Stone, clay, and glass products	6 972.6	3 710.3	982.1	2 280.2	7 086.2	3 703.4	1 050.5	2 332.3	2	2	2	2
33	Primary metal industries	17 629.5	4 986.4	6 697.6	5 945.5	19 476.5	5 900.7	7 010.2	6 565.6	1	1	1	1
34	Fabricated metal products	21 381.9	6 316.0	7 287.1	7 776.8	21 728.4	6 343.7	7 352.4	8 032.3	1	2	1	1
35	Machinery, except electrical	41 203.1	12 733.1	17 069.0	11 401.0	44 340.4	13 292.3	19 749.6	12 298.5	1	1	1	2
36	Electric and electronic equipment	37 456.8	8 415.4	19 101.3	9 940.1	37 693.3	8 108.9	19 152.5	10 431.9	1	1	1	1
37	Transportation equipment	50 923.1	5 962.5	32 328.0	12 612.6	50 776.8	5 757.5	32 682.7	12 336.6	1	1	1	1
38	Instruments and related products	12 216.8	3 466.5	4 884.0	3 866.3	12 332.6	3 357.4	5 009.2	3 966.0	2	2	2	2
39	Miscellaneous manufacturing industries	5 019.1	2 240.7	1 037.9	1 740.5	4 974.5	2 180.4	1 043.3	1 750.8	2	3	4	3

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
20	**Food and kindred products**	**24 019.4**	**12 972.7**	**2 560.0**	**8 486.7**	**24 192.4**	**13 104.7**	**2 523.9**	**8 563.8**	**1**	**1**	**2**	**1**
201	Meat products	2 027.7	1 248.7	271.9	507.1	2 062.0	1 244.8	251.8	565.4	2	2	3	3
2011	Meat packing plants	830.9	593.7	89.8	147.4	843.4	616.3	78.7	148.4	2	2	5	2
2013	Sausages and other prepared meats	723.7	403.9	106.0	213.8	772.0	395.3	100.2	276.5	3	5	5	4
2016	Poultry dressing plants	361.5	188.4	66.5	106.6	348.9	175.1	66.2	107.6	3	2	2	7
2017	Poultry and egg processing	111.6	62.7	9.6	39.3	97.7	58.1	6.7	32.9	10	8	28	15
202	Dairy products	1 801.8	1 044.3	86.8	670.7	1 809.0	1 058.2	107.3	643.5	2	2	6	2
2021	Creamery butter	34.2	22.2	2.8	9.2	46.7	34.2	2.5	10.0	5	6	14	6
2022	Cheese, natural and processed	756.8	456.3	31.7	268.8	786.4	482.2	54.1	250.1	4	4	16	5
2023	Condensed and evaporated milk	348.9	232.5	31.2	85.2	325.4	209.9	28.6	86.9	5	6	4	4
2024	Ice cream and frozen desserts	232.7	121.6	2.9	108.2	222.7	119.6	2.6	100.5	3	3	28	3
2026	Fluid milk	429.2	211.7	18.2	199.3	427.8	212.3	19.5	196.0	2	3	7	3
203	Preserved fruits and vegetables	6 489.0	4 426.1	527.2	1 535.7	6 747.0	4 674.7	491.3	1 581.0	1	2	2	3
2032	Canned specialties	670.2	426.7	13.0	230.5	733.2	478.8	14.4	240.0	1	1	11	1
2033	Canned fruits and vegetables	2 694.1	2 078.8	178.2	437.1	2 877.8	2 241.5	141.4	494.9	2	2	5	3
2034	Dehydrated fruits, vegetables, and soups	498.9	284.6	111.3	103.0	526.6	332.7	98.0	95.9	6	6	4	23
2035	Pickles, sauces, and salad dressings	710.0	428.0	42.2	239.8	659.0	384.6	38.1	236.3	3	3	6	4
2037	Frozen fruits and vegetables	1 331.2	915.9	175.2	240.1	1 353.8	907.4	193.7	252.7	2	3	2	9
2038	Frozen specialties	584.6	292.1	7.3	285.2	596.6	329.7	5.7	261.2	2	3	9	2
204	Grain mill products	2 122.8	844.3	100.9	1 177.3	2 197.8	820.9	118.3	1 258.6	1	2	3	2
2041	Flour and other grain mill products	318.9	74.7	12.4	231.8	406.4	84.1	17.7	304.6	3	4	6	5
2043	Cereal breakfast foods	308.1	166.7	7	140.7	275.6	139.5	1.0	135.1	2	2	(A)	3
2044	Rice milling	321.3	85.5	16.6	219.2	349.9	92.6	20.7	236.6	1	1	3	1
2045	Blended and prepared flour	129.7	59.6	5.8	64.3	126.7	57.6	5.9	63.2	2	4	1	1
2046	Wet corn milling	231.3	111.1	8.3	111.9	263.6	123.3	18.1	122.2	1	2	1	1
2047	Dog, cat, and other pet food	323.1	171.4	4.0	147.7	296.0	144.4	4.8	136.8	3	4	12	6
2048	Prepared feeds, n.e.c.	490.4	175.6	53.1	261.7	489.6	179.4	50.1	260.1	4	8	4	3
205	Bakery products	640.2	208.7	8.1	423.4	656.6	202.0	17.7	436.9	2	3	7	2
2051	Bread, cake, and related products	325.8	57.9	4.0	263.9	329.0	50.1	8.3	270.6	2	9	11	2
2052	Cookies and crackers	314.4	150.8	4.1	159.5	327.6	151.9	9.4	166.3	3	2	8	3
206	Sugar and confectionery products	2 725.3	1 286.1	295.1	1 144.1	2 535.2	1 236.9	287.6	1 010.7	2	3	5	2
2061	Raw cane sugar	281.3	230.9	1.0	49.4	309.5	255.9	.8	52.8	3	4	2	5
2062	Cane sugar refining	307.9	62.5	105.5	139.9	276.2	59.0	98.9	118.3	7	34	1	3
2063	Beet sugar	608.8	353.3	73.9	181.6	533.8	298.7	75.3	159.8	5	6	9	6
2065	Confectionery products	949.3	491.4	52.5	405.4	875.2	479.0	49.5	346.7	3	3	21	3
2066	Chocolate and cocoa products	454.8	116.9	56.6	281.3	407.7	117.9	57.1	232.7	1	1	1	1
2067	Chewing gum	123.2	31.1	5.6	86.5	132.8	26.4	6.0	100.4	2	10	2	2
207	Fats and oils	1 143.2	487.0	149.9	506.3	1 347.6	511.4	197.4	638.8	2	4	4	3
2074	Cottonseed oil mills	133.7	49.0	(S)	86.1	157.3	59.4	1.2	96.7	6	21	(X)	7
2075	Soybean oil mills	480.4	238.2	30.3	211.9	611.9	266.0	36.7	309.2	1	2	1	1
2076	Vegetable oil mills, n.e.c.	73.0	34.6	5.9	32.5	81.2	25.5	2.7	53.0	17	6	5	36
2077	Animal and marine fats and oils	55.7	46.7	.8	8.2	65.9	53.0	1.8	11.1	17	21	49	22
2079	Shortening and cooking oils	400.4	118.5	114.3	167.6	431.3	107.5	155.0	168.8	3	4	5	2
208	Beverages	4 773.2	2 332.2	985.2	1 455.8	4 622.6	2 303.0	933.2	1 386.4	2	2	3	3
2082	Malt beverages	669.8	56.7	179.8	433.3	671.3	53.2	174.2	443.9	1	1	1	1
2083	Malt	137.3	53.3	16.2	67.8	146.1	59.4	18.1	68.6	4	3	4	5
2084	Wines, brandy, and brandy spirits	1 098.8	459.5	503.0	136.3	1 119.3	455.1	539.5	124.7	3	4	4	6
2085	Distilled liquor, except brandy	1 325.7	999.7	244.9	81.1	1 260.2	1 005.8	173.7	80.7	2	2	1	8
2086	Bottled and canned soft drinks	997.7	509.8	21.4	466.5	993.0	504.9	14.6	473.5	3	3	53	3
2087	Flavoring extracts and syrups, n.e.c.	543.9	253.2	19.9	270.8	432.7	224.6	13.1	195.0	6	9	15	10
209	Miscellaneous foods and kindred products	2 296.2	1 095.0	134.9	1 066.3	2 214.6	1 052.8	119.3	1 042.5	2	2	5	2
2091	Canned and cured seafoods	118.8	77.1	3.1	38.6	145.9	96.3	2.5	47.1	8	10	19	6
2092	Fresh or frozen packaged fish	602.5	425.0	17.8	159.7	565.7	405.9	18.8	141.0	4	4	7	4
2095	Roasted coffee	575.3	195.0	40.4	339.9	521.8	155.9	38.6	327.3	3	4	4	4
2097	Manufactured ice	5.7	2.6	-	3.1	6.5	2.7	-	3.8	24	17	(X)	38
2098	Macaroni and spaghetti	84.8	49.3	2.5	33.0	89.0	53.0	2.3	33.7	5	4	36	8
2099	Food preparations, n.e.c.	909.1	346.0	71.1	492.0	885.7	339.0	57.1	489.6	3	4	8	3
21	**Tobacco products**	**5 925.8**	**635.0**	**124.7**	**5 166.1**	**6 202.6**	**676.2**	**131.8**	**5 394.6**	**1**	**4**	**3**	**1**
211	Cigarettes	4 956.1	392.1	78.4	4 485.6	5 180.2	422.9	71.2	4 686.1	1	1	1	1
2111	Cigarettes	4 956.1	392.1	78.4	4 485.6	5 180.2	422.9	71.2	4 686.1	1	1	1	1
212	Cigars	64.5	20.4	4.0	40.1	70.3	27.3	4.0	39.0	11	5	4	16
2121	Cigars	64.5	20.4	4.0	40.1	70.3	27.3	4.0	39.0	11	5	4	16
213	Chewing and smoking tobacco	159.8	6.3	14.8	138.7	173.2	10.6	19.1	143.5	20	(A)	6	22
2131	Chewing and smoking tobacco	159.8	6.3	14.8	138.7	173.2	10.6	19.1	143.5	20	(A)	6	23
214	Tobacco stemming and redrying	745.4	216.2	27.5	501.7	778.9	215.4	37.5	526.0	6	4	11	7
2141	Tobacco stemming and redrying	745.4	216.2	27.5	501.7	778.9	215.4	37.5	526.0	6	4	11	7
22	**Textile mill products**	**6 896.0**	**2 853.7**	**2 017.2**	**2 025.1**	**6 901.8**	**2 899.0**	**2 075.8**	**1 927.0**	**1**	**1**	**2**	**2**
221	Weaving mills, cotton	606.4	337.4	160.6	108.4	666.7	370.3	186.9	109.5	2	2	2	3
2211	Weaving mills, cotton	606.4	337.4	160.6	108.4	666.7	370.3	186.9	109.5	2	2	2	3
222	Weaving mills, synthetics	1 091.3	357.3	423.0	311.0	1 140.8	388.4	433.5	318.9	4	3	3	5
2221	Weaving mills, manmade fiber and silk	1 091.3	357.3	423.0	311.0	1 140.8	388.4	433.5	318.9	4	3	3	5
223	Weaving and finishing mills, wool	153.1	58.4	65.0	29.7	164.2	64.9	69.4	29.9	1	1	1	2
2231	Weaving and finishing mills, wool	153.1	58.4	65.0	29.7	164.2	64.9	69.4	29.9	1	1	1	2
224	Narrow fabric mills	171.9	58.8	57.0	56.1	163.9	54.1	54.6	55.2	5	5	11	6
2241	Narrow fabric mills	171.9	58.8	57.0	56.1	163.9	54.1	54.6	55.2	5	5	11	6
225	Knitting mills	1 628.9	721.8	461.8	445.3	1 575.0	734.6	441.3	399.1	2	2	3	3
2251	Women's full-length and knee-length hosiery	207.6	73.7	86.1	47.8	191.6	66.2	82.5	42.9	3	3	4	5
2252	Hosiery, n.e.c.	224.0	95.3	76.5	52.2	214.9	91.6	72.0	51.3	4	5	5	6
2253	Knit outerwear mills	571.1	303.8	119.8	147.5	561.7	320.8	113.2	127.7	4	4	6	6
2254	Knit underwear mills	216.7	121.7	47.3	47.7	221.8	136.0	45.4	40.4	4	3	7	7
2257	Circular knit fabric mills	206.1	71.3	61.2	73.6	197.6	65.5	55.6	72.5	7	6	7	8
2258	Warp knit fabric mills	181.2	46.4	67.0	67.8	166.5	46.4	64.9	55.2	3	7	6	6
2259	Knitting mills, n.e.c.	22.2	9.6	3.9	8.7	20.9	8.1	3.7	9.1	7	9	7	8
226	Textile finishing, except wool	599.1	193.6	217.9	187.6	598.3	190.1	244.9	163.3	3	5	3	5
2261	Finishing plants, cotton	127.2	48.8	29.1	49.3	99.5	34.2	32.5	32.8	6	1	16	7
2262	Finishing plants, manmade	361.2	104.4	161.7	95.1	392.6	117.4	184.6	90.6	4	9	2	9
2269	Finishing plants, n.e.c.	110.7	40.4	27.1	43.2	106.2	38.5	27.8	39.9	5	6	8	5

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
22	**Textile mill products**—Con.												
227	Floor covering mills	1 125.3	555.7	257.8	311.8	1 068.5	523.2	273.7	271.6	2	2	3	3
2271	Woven carpets and rugs	58.1	29.2	14.9	14.0	72.3	37.5	18.6	16.2	10	14	11	10
2272	Tufted carpets and rugs	1 030.2	508.2	234.1	287.9	960.9	468.5	246.8	245.6	2	2	3	3
2279	Carpets and rugs, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	(X)	(X)
228	Yarn and thread mills	775.9	270.7	237.8	267.4	787.7	279.0	239.8	268.9	4	4	4	7
2281	Yarn mills, except wool	439.3	139.2	128.9	171.2	460.0	157.0	134.1	168.9	5	5	7	11
2282	Throwing and winding mills	186.6	65.8	56.8	64.0	174.0	56.8	53.0	64.2	2	3	3	3
2283	Wool yarn mills	36.0	9.6	16.4	10.0	37.0	9.8	17.3	9.9	13	15	12	15
2284	Thread mills	114.0	56.1	35.7	22.2	116.7	55.4	35.4	25.9	10	16	5	9
229	Miscellaneous textile goods	744.1	300.0	136.3	307.8	736.7	294.4	131.7	310.6	3	4	6	3
2291	Felt goods, except woven felts and hats	98.1	50.7	18.6	28.8	85.0	43.2	16.7	25.1	12	16	19	3
2292	Lace goods	8.3	5.1	2.2	1.0	12.4	7.3	3.3	1.8	16	10	17	79
2293	Paddings and upholstery filling	34.6	11.8	2.1	20.7	34.4	10.6	2.1	21.7	11	5	12	15
2294	Processed textile waste	50.7	27.8	1.4	21.5	45.4	26.5	1.2	17.7	19	9	(A)	26
2295	Coated fabrics, not rubberized	172.2	64.2	33.9	74.1	175.8	66.2	32.1	77.5	5	9	3	4
2296	Tire cord and fabric	75.3	13.7	19.8	42.0	80.9	15.3	21.0	44.6	1	1	1	1
2297	Nonwoven fabrics	189.9	74.5	37.7	77.7	182.1	71.0	32.1	79.0	2	3	2	2
2298	Cordage and twine	83.5	44.0	12.8	26.7	88.5	45.4	15.7	27.4	6	6	7	6
2299	Textile goods, n.e.c.	31.5	8.2	8.0	15.3	32.2	8.9	7.5	15.8	7	7	8	7
23	**Apparel and other textile products**	7 876.0	3 604.5	1 591.5	2 680.0	7 876.9	3 604.0	1 566.3	2 706.6	2	2	2	2
231	Men's and boys' suits and coats	568.9	285.8	127.3	155.8	580.9	292.3	128.8	159.8	4	3	5	4
2311	Men's and boys' suits and coats	568.9	285.8	127.3	155.8	580.9	292.3	128.8	159.8	4	3	5	4
232	Men's and boys' furnishings	1 931.7	1 029.3	349.0	553.4	2 028.9	1 077.4	359.2	592.3	2	2	3	3
2321	Men's and boys' shirts and nightwear	489.1	233.5	104.2	151.4	515.4	266.4	99.6	149.4	5	7	8	7
2322	Men's and boys' underwear	66.8	35.7	16.6	14.5	59.5	34.6	13.9	11.0	5	4	5	8
2323	Men's and boys' neckwear	33.9	15.9	5.5	11.5	34.3	15.7	6.2	12.4	16	25	7	12
2327	Men's and boys' separate trousers	366.2	207.5	57.6	101.1	387.8	209.8	62.6	115.4	1	1	1	2
2328	Men's and boys' work clothing	648.3	369.6	101.9	176.8	711.3	388.7	121.6	201.0	2	3	3	3
2329	Men's and boys' clothing, n.e.c.	327.4	167.1	62.2	98.1	320.6	162.2	55.3	103.1	5	7	7	5
233	Women's and misses' outerwear	2 038.2	930.3	420.6	687.3	1 935.6	875.0	397.5	663.1	3	3	3	3
2331	Women's and misses' blouses	376.3	160.4	81.3	134.6	342.7	145.6	75.0	122.1	6	8	5	6
2335	Women's and misses' dresses	434.1	172.3	90.8	171.0	412.4	164.8	87.0	160.6	5	7	5	4
2337	Women's and misses' suits and coats	540.1	283.2	85.0	171.9	506.1	257.7	81.5	166.9	7	7	9	8
2339	Women's and misses' outerwear, n.e.c.	687.7	314.4	163.5	209.8	674.4	306.9	154.0	213.5	2	3	3	3
234	Women's and children's undergarments	612.6	288.0	132.4	192.2	627.4	293.9	134.6	198.9	5	5	5	5
2341	Women's and children's underwear	402.7	185.2	83.1	134.4	407.1	184.6	81.5	141.0	7	7	7	7
2342	Brassieres and allied garments	209.9	102.8	49.3	57.8	220.3	109.3	53.1	57.9	2	2	4	3
235	Hats, caps, and millinery	118.6	47.7	16.5	54.4	118.8	47.7	18.7	54.4	11	15	14	10
2351	Millinery	13.0	7.2	1.7	4.1	13.1	6.7	1.9	4.5	16	26	62	15
2352	Hats and caps, except millinery	105.6	40.5	14.8	50.3	105.7	41.0	14.8	49.9	12	16	14	11
236	Children's outerwear	423.5	163.2	111.5	148.8	393.3	157.3	100.8	135.2	4	5	6	4
2361	Children's dresses and blouses	167.4	66.5	47.7	53.2	159.4	64.1	48.1	47.2	6	5	10	6
2363	Children's coats and suits	18.5	8.6	3.5	6.4	17.5	8.3	3.4	5.8	16	17	17	22
2369	Children's outerwear, n.e.c.	237.6	86.1	60.3	89.2	216.4	84.9	49.3	82.2	5	7	5	5
237	Fur goods	72.9	34.4	8.1	30.4	81.6	38.1	8.9	34.6	8	9	12	11
2371	Fur goods	72.9	34.4	8.1	30.4	81.6	38.1	8.9	34.6	8	9	12	11
238	Miscellaneous apparel and accessories	365.9	191.5	47.1	127.3	382.2	205.9	48.5	127.8	7	11	9	6
2381	Fabric dress and work gloves	29.8	12.5	4.0	13.3	35.6	14.7	5.5	15.4	3	2	6	5
2384	Robes and dressing gowns	69.0	31.3	12.9	24.8	66.1	29.2	13.1	23.8	10	11	8	17
2385	Waterproof outer garments	66.4	38.2	9.1	19.1	78.3	51.1	9.2	18.0	2	2	7	2
2386	Leather and sheep lined clothing	35.8	16.7	6.7	12.4	38.5	20.5	5.7	12.3	12	19	10	14
2387	Apparel belts	84.6	36.1	7.8	40.7	84.4	33.6	8.4	42.4	10	14	17	9
2389	Apparel and accessories, n.e.c.	80.3	56.7	6.6	17.0	79.3	56.8	6.6	15.9	28	34	51	21
239	Miscellaneous fabricated textile products	1 743.7	634.3	379.0	730.4	1 728.2	616.4	371.3	740.5	4	7	3	5
2391	Curtains and draperies	196.6	54.2	35.6	106.8	176.3	44.5	37.5	94.3	22	66	9	18
2392	House furnishings, n.e.c.	608.2	271.4	130.0	206.8	619.4	269.2	133.4	216.8	5	6	6	9
2393	Textile bags	88.4	37.2	7.6	43.6	84.7	33.1	7.9	43.7	8	13	22	13
2394	Canvas and related products	155.3	43.8	25.3	86.2	179.1	46.2	32.1	100.8	10	14	13	12
2395	Pleating and stitching	137.4	77.1	16.4	43.9	132.4	77.6	16.3	38.5	10	11	21	14
2396	Automotive and apparel trimmings	218.1	35.7	99.3	83.1	208.5	34.2	88.0	86.3	4	9	4	6
2397	Schiffli machine embroideries	31.7	15.8	4.8	11.3	30.0	15.6	4.0	10.4	9	9	16	10
2399	Fabricated textile products, n.e.c.	306.0	99.1	60.2	146.7	297.8	96.0	52.1	149.7	6	7	6	8
24	**Lumber and wood products**	6 571.8	2 575.7	1 309.5	2 686.6	6 437.7	2 565.1	1 262.2	2 610.4	2	3	3	3
241	Logging camps and logging contractors	617.2	352.2	69.3	195.7	668.9	380.6	77.8	210.5	6	5	11	12
2411	Logging camps and logging contractors	617.2	352.2	69.3	195.7	668.9	380.6	77.8	210.5	6	5	11	12
242	Sawmills and planing mills	2 375.9	1 072.4	545.5	758.0	2 224.6	1 012.5	528.6	683.5	4	4	5	6
2421	Sawmills and planing mills, general	2 108.7	994.8	489.6	624.3	1 975.7	943.9	472.0	559.8	4	4	6	7
2426	Hardwood dimension and flooring	244.4	60.6	55.0	128.8	226.0	51.7	55.6	118.7	7	15	8	9
2429	Special product sawmills, n.e.c.	22.8	17.0	.9	4.9	22.9	16.9	1.0	5.0	23	19	43	53
243	Millwork, plywood, and structural members	2 007.7	561.0	423.4	1 023.3	1 920.0	559.8	392.0	968.2	3	6	5	4
2431	Millwork	1 052.5	270.9	274.2	507.4	966.5	270.8	239.3	456.4	5	10	6	8
2434	Wood kitchen cabinets	363.4	78.9	84.5	200.0	366.9	76.5	84.3	206.1	5	8	6	6
2435	Hardwood veneer and plywood	211.3	88.5	9.0	113.8	204.2	89.5	14.3	100.4	10	11	98	9
2436	Softwood veneer and plywood	251.1	84.4	47.5	119.2	247.5	82.6	44.4	120.5	2	2	6	2
2439	Structural wood members, n.e.c.	129.4	38.3	8.2	82.9	134.9	40.4	9.7	84.8	14	22	61	13
244	Wood containers	180.4	38.2	28.3	113.9	197.1	40.3	28.4	128.4	9	20	12	10
2441	Nailed wood boxes and shook	24.8	7.3	4.4	13.1	23.1	7.6	3.7	11.8	18	22	42	18
2448	Wood pallets and skids	107.5	21.4	20.1	66.0	119.6	22.6	20.7	76.3	10	20	10	13
2449	Wood containers, n.e.c.	48.1	9.5	3.8	34.8	54.4	10.1	4.0	40.3	24	62	55	19
245	Wood buildings and mobile homes	420.3	93.5	49.1	277.7	450.8	115.7	46.2	288.9	3	5	4	3
2451	Mobile homes	211.7	47.5	25.2	139.0	237.4	66.0	23.9	147.5	4	7	7	4
2452	Prefabricated wood buildings	208.6	46.0	23.9	138.7	213.4	49.7	22.3	141.4	4	7	5	5
249	Miscellaneous wood products	970.3	458.4	193.9	318.0	976.3	456.2	189.2	330.9	4	4	5	6
2491	Wood preserving	324.7	169.3	80.9	74.5	327.5	162.7	88.1	76.7	8	7	10	20
2492	Particleboard	77.4	31.8	4.4	41.2	67.9	30.1	4.6	33.2	5	5	14	5
2499	Wood products, n.e.c.	568.2	257.3	108.6	202.3	580.9	263.4	96.5	221.0	4	4	5	6

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
25	**Furniture and fixtures**	**4 850.5**	**1 592.8**	**1 144.3**	**2 113.4**	**4 780.8**	**1 540.8**	**1 128.1**	**2 111.9**	**2**	**2**	**3**	**2**
251	Household furniture	2 560.8	938.7	553.6	1 058.5	2 474.1	908.8	532.6	1 032.7	2	3	3	3
2511	Wood household furniture	1 393.1	641.1	339.3	412.7	1 354.8	616.1	330.4	408.3	3	4	5	6
2512	Upholstered household furniture	526.9	100.0	112.3	314.6	508.5	98.8	105.5	304.2	3	4	4	3
2514	Metal household furniture	353.8	119.6	74.4	159.8	332.8	112.9	60.9	159.0	3	5	3	5
2515	Mattresses and bedsprings	184.3	55.3	13.0	116.0	180.8	56.7	12.4	111.7	7	9	19	8
2517	Wood TV and radio cabinets	38.4	8.7	15.5	14.2	32.9	9.1	11.6	12.2	4	8	4	4
2519	Household furniture, n.e.c.	64.3	14.0	9.1	41.2	64.3	15.2	11.8	37.3	11	13	19	13
252	Office furniture	837.6	209.1	209.5	419.0	843.3	190.7	228.5	424.1	3	5	4	3
2521	Wood office furniture	274.7	59.9	83.5	131.3	267.0	62.3	88.6	116.1	5	14	5	5
2522	Metal office furniture	562.9	149.2	126.0	287.7	576.3	128.4	139.9	308.0	3	5	6	3
253	Public building and related furniture	246.2	52.7	70.4	123.1	243.7	52.7	65.9	125.1	6	5	8	10
2531	Public building and related furniture	246.2	52.7	70.4	123.1	243.7	52.7	65.9	125.1	6	5	8	10
254	Partitions and fixtures	674.7	210.2	185.0	279.5	679.2	206.7	185.7	286.8	5	6	8	8
2541	Wood partitions and fixtures	291.2	87.5	95.1	108.6	289.2	90.3	87.8	111.1	9	11	11	11
2542	Metal partitions and fixtures	383.5	122.7	89.9	170.9	390.0	116.4	97.9	175.7	6	5	11	10
259	Miscellaneous furniture and fixtures	531.2	182.1	115.8	233.3	540.5	181.9	115.4	243.2	3	4	5	5
2591	Drapery hardware and blinds and shades	280.7	117.7	44.1	118.9	276.0	115.6	45.7	114.7	4	3	6	8
2599	Furniture and fixtures, n.e.c.	250.5	64.4	71.7	114.4	264.5	66.3	69.7	128.5	6	9	7	6
26	**Paper and allied products**	**10 238.4**	**3 760.2**	**1 190.1**	**5 288.1**	**9 984.7**	**3 746.8**	**1 188.7**	**5 049.4**	**1**	**1**	**1**	**1**
261	Pulp mills	437.6	171.3	22.2	244.1	450.5	203.6	23.7	223.2	1	1	1	1
2611	Pulp mills	437.6	171.3	22.2	244.1	450.5	203.6	23.7	223.2	1	1	1	1
262	Paper mills, except building paper	2 512.7	778.7	242.1	1 491.9	2 517.0	797.0	255.9	1 464.1	1	1	1	1
2621	Paper mills, except building paper	2 512.7	778.7	242.1	1 491.9	2 517.0	797.0	255.9	1 464.1	1	1	1	1
263	Paperboard mills	758.8	147.7	31.8	579.3	833.0	198.5	60.8	573.7	1	2	3	1
2631	Paperboard mills	758.8	147.7	31.8	579.3	833.0	198.5	60.8	573.7	1	2	3	1
264	Miscellaneous converted paper products	3 858.4	1 779.2	511.9	1 567.3	3 650.5	1 674.3	497.4	1 478.8	2	2	2	2
2641	Paper coating and glazing	961.9	367.8	202.2	391.9	909.8	354.8	202.4	352.6	3	3	2	5
2642	Envelopes	272.1	123.9	24.9	123.3	255.3	120.0	25.1	110.2	4	5	6	5
2643	Bags, except textile bags	783.3	320.7	73.5	389.1	753.9	294.3	75.7	383.9	3	4	5	4
2645	Die-cut paper and board	235.9	109.0	25.3	101.6	227.3	103.8	25.3	98.2	3	4	5	4
2646	Pressed and molded pulp goods	37.4	23.1	4	13.9	31.1	17.1	3	13.7	1	1	6	1
2647	Sanitary paper products	701.7	368.2	47.5	286.0	675.7	355.0	44.4	276.3	1	1	1	1
2648	Stationery products	277.6	145.4	50.6	81.6	235.1	130.8	39.1	65.2	8	9	6	12
2649	Converted paper products, n.e.c.	588.5	321.1	87.5	179.9	562.3	298.5	85.1	178.7	3	3	4	6
265	Paperboard containers and boxes	2 636.1	865.4	378.4	1 392.3	2 500.2	855.5	347.1	1 297.6	1	2	2	1
2651	Folding paperboard boxes	727.1	335.9	190.6	200.6	685.8	330.2	170.5	185.1	2	3	2	3
2652	Set-up paperboard boxes	63.2	23.8	10.3	29.1	66.0	24.6	13.7	27.7	12	10	36	13
2653	Corrugated and solid fiber boxes	1 221.4	240.8	100.7	879.9	1 135.1	237.8	77.4	819.8	1	1	3	1
2654	Sanitary food containers	466.2	226.9	60.7	178.6	460.0	226.3	68.4	165.3	2	2	1	2
2655	Fiber cans, drums, and similar products	158.2	39.0	16.1	104.1	153.3	36.6	17.1	99.6	4	5	6	5
266	Building paper and board mills	34.8	17.9	3.7	13.2	33.5	17.7	3.8	12.0	1	1	3	3
2661	Building paper and board mills	34.8	17.9	3.7	13.2	33.5	17.7	3.8	12.0	1	1	3	3
27	**Printing and publishing**	**8 859.2**	**3 151.9**	**1 933.2**	**3 774.1**	**8 606.4**	**2 976.7**	**1 856.9**	**3 772.8**	**2**	**2**	**2**	**2**
271	Newspapers	783.6	30.9	10.4	742.3	841.1	39.0	15.1	787.0	2	12	18	2
2711	Newspapers	783.6	30.9	10.4	742.3	841.1	39.0	15.1	787.0	2	12	18	2
272	Periodicals	783.9	330.1	109.0	344.8	809.4	294.1	110.3	405.0	6	7	14	5
2721	Periodicals	783.9	330.1	109.0	344.8	809.4	294.1	110.3	405.0	6	7	14	5
273	Books	2 282.5	1 552.5	413.8	316.2	2 134.7	1 433.5	393.2	308.0	3	4	4	6
2731	Book publishing	1 982.2	1 517.8	287.5	176.9	1 857.9	1 409.1	272.0	176.8	3	4	4	5
2732	Book printing	300.3	34.7	126.3	139.3	276.8	24.4	121.2	131.2	8	5	7	11
274	Miscellaneous publishing	347.5	187.8	62.7	97.0	361.0	193.9	65.6	101.5	4	5	7	5
2741	Miscellaneous publishing	347.5	187.8	62.7	97.0	361.0	193.9	65.6	101.5	4	5	7	5
275	Commercial printing	2 950.9	465.6	936.3	1 549.0	2 827.5	448.8	876.5	1 502.2	2	4	3	3
2751	Commercial printing, letterpress	703.3	210.0	176.0	317.3	685.5	205.0	174.8	305.7	6	3	5	12
2752	Commercial printing, lithographic	1 920.9	221.4	630.1	1 069.4	1 849.1	210.6	593.9	1 044.6	2	7	4	3
2753	Engraving and plate printing	60.4	11.2	24.6	24.6	55.4	7.3	23.3	24.8	12	20	15	10
2754	Commercial printing, gravure	266.3	23.0	105.6	137.7	237.5	25.9	84.5	127.1	4	16	2	3
276	Manifold business forms	774.3	269.6	84.7	420.0	684.3	246.6	79.6	358.1	4	4	4	6
2761	Manifold business forms	774.3	269.6	84.7	420.0	684.3	246.6	79.6	358.1	4	4	4	6
277	Greeting card publishing	319.6	172.9	83.6	63.1	343.1	191.2	90.3	67.6	2	2	2	4
2771	Greeting card publishing	319.6	172.9	83.6	63.1	343.1	191.2	90.3	67.6	2	2	2	4
278	Blankbooks and bookbinding	370.9	111.6	99.5	159.8	344.7	99.1	91.2	154.4	4	4	7	4
2782	Blankbooks and looseleaf binders	279.4	88.8	68.5	122.1	259.8	79.4	61.7	118.7	3	3	6	4
2789	Bookbinding and related work	91.5	22.8	31.0	37.7	84.9	19.7	29.5	35.7	11	17	15	13
275	Printing trade services	246.0	30.9	133.2	81.9	254.6	30.5	135.1	89.0	10	13	13	11
2791	Typesetting	112.1	8.2	81.2	22.7	112.0	7.8	80.4	23.8	7	36	7	9
2793	Photoengraving	7.9	-	3.8	4.1	7.4	-	3.0	4.4	24	(X)	64	23
2794	Electrotyping and stereotyping												
2795	Lithographic platemaking services	126.0	22.7	48.2	55.1	135.2	22.7	51.7	60.8	18	10	32	15

See footnotes at end of table

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
28	**Chemicals and allied products**	**24 214.6**	**11 981.2**	**3 690.6**	**8 542.8**	**24 793.3**	**12 393.2**	**3 805.7**	**8 594.4**	**1**	**1**	**2**	**1**
281	Industrial inorganic chemicals	1 969.7	904.5	292.3	772.9	2 017.1	921.5	292.0	803.5	2	2	3	2
2812	Alkalies and chlorine	131.2	56.5	2.7	72.0	156.2	81.6	2.6	72.0	2	3	2	3
2813	Industrial gases	90.7	54.2	6.4	30.1	100.5	65.5	7.7	27.3	5	8	3	5
2816	Inorganic pigments	336.9	131.9	46.1	158.9	338.6	132.8	48.3	157.5	2	4	4	3
2819	Industrial inorganic chemicals, n.e.c.	1 410.9	661.9	237.1	511.9	1 421.8	641.7	233.4	546.7	2	3	4	3
282	Plastics materials and synthetics	4 092.4	2 273.4	564.9	1 254.1	4 190.8	2 393.8	602.7	1 194.3	1	1	2	1
2821	Plastics materials and resins	2 393.6	1 397.5	244.9	751.2	2 459.3	1 486.3	256.7	716.3	2	2	3	2
2822	Synthetic rubber	309.4	180.1	49.1	80.2	363.7	227.9	47.8	88.0	4	2	17	2
2823	Cellulosic manmade fibers	148.0	78.2	13.6	56.2	138.0	68.2	16.5	53.3	1	1	1	1
2824	Organic fibers, noncellulosic	1 241.4	617.6	257.3	366.5	1 229.8	611.4	281.7	336.7	1	1	1	1
283	Drugs	4 577.5	1 864.9	1 234.1	1 478.5	4 409.3	1 823.9	1 207.7	1 377.7	2	2	4	2
2831	Biological products	621.4	201.3	220.6	199.5	615.7	194.0	227.3	194.4	2	4	2	2
2833	Medicinals and botanicals	560.1	232.1	164.9	163.1	561.7	249.9	160.3	151.5	2	2	2	2
2834	Pharmaceutical preparations	3 396.0	1 431.5	848.6	1 115.9	3 231.9	1 380.0	820.1	1 031.8	2	2	5	2
284	Soaps, cleaners, and toilet goods	3 509.8	1 780.2	302.7	1 426.9	3 487.5	1 738.3	308.9	1 440.3	2	2	3	2
2841	Soap and other detergents	1 179.6	572.5	123.8	483.3	1 222.6	565.3	134.8	522.5	2	3	2	3
2842	Polishes and sanitation goods	435.5	236.5	24.8	172.2	419.5	236.6	19.9	163.0	5	5	30	4
2843	Surface active agents	331.2	207.5	29.1	94.6	338.1	213.0	30.1	95.0	2	3	2	3
2844	Toilet preparations	1 563.5	761.7	125.0	676.8	1 507.3	723.4	124.1	659.8	2	2	2	2
285	Paints and allied products	1 494.9	818.0	129.1	547.8	1 514.5	832.2	130.0	552.3	2	2	4	3
2851	Paints and allied products	1 494.9	818.0	129.1	547.8	1 514.5	832.2	130.0	552.3	2	2	4	3
286	Industrial organic chemicals	5 035.5	2 633.6	724.0	1 677.9	5 385.8	2 778.7	820.7	1 786.4	1	1	2	2
2861	Gum and wood chemicals	103.6	62.9	8.1	32.6	106.1	60.1	10.7	35.3	3	4	12	3
2865	Cyclic crudes and intermediates	985.5	509.6	144.3	331.6	1 148.0	549.8	187.3	410.9	2	2	4	5
2869	Industrial organic chemicals, n.e.c.	3 946.4	2 061.1	571.6	1 313.7	4 131.7	2 168.8	622.7	1 340.2	1	1	2	2
287	Agricultural chemicals	1 841.1	943.8	198.8	698.5	2 071.4	1 135.6	186.8	749.0	2	3	1	2
2873	Nitrogenous fertilizers	358.6	220.7	9.8	128.3	492.2	334.0	13.7	144.5	6	8	3	4
2874	Phosphatic fertilizers	459.8	248.5	27.8	183.5	563.5	306.0	44.7	212.8	2	2	1	4
2875	Fertilizers, mixing only	251.4	154.3	11.9	85.2	267.1	157.2	12.9	97.0	9	10	10	11
2879	Agricultural chemicals, n.e.c.	771.3	320.3	149.5	301.5	748.6	338.4	115.5	294.7	2	2	1	2
289	Miscellaneous chemical products	1 693.7	782.8	244.7	666.2	1 716.9	769.1	256.9	690.9	2	3	4	3
2891	Adhesives and sealants	398.3	179.4	35.5	183.4	406.1	190.1	33.4	182.6	4	4	16	4
2892	Explosives	122.6	48.7	37.0	36.9	123.8	43.9	42.7	37.2	6	8	11	17
2893	Printing ink	231.9	110.0	8.1	113.8	217.2	102.4	5.4	109.4	3	4	25	3
2895	Carbon black	44.4	27.5	–	16.9	61.8	38.5	–	23.3	1	1	(X)	1
2899	Chemical preparations, n.e.c.	896.5	397.2	164.1	335.2	908.0	394.2	175.4	338.4	3	4	4	3
29	**Petroleum and coal products**	**9 162.5**	**4 598.0**	**2 143.4**	**2 421.1**	**14 108.9**	**6 829.7**	**3 553.3**	**3 725.9**	**1**	**1**	**1**	**2**
291	Petroleum refining	8 259.8	4 161.3	2 085.4	2 013.1	13 030.9	6 300.0	3 476.2	3 254.7	1	1	1	2
2911	Petroleum refining	8 259.8	4 161.3	2 085.4	2 013.1	13 030.9	6 300.0	3 476.2	3 254.7	1	1	1	2
295	Paving and roofing materials	434.5	210.0	26.2	198.3	561.4	279.9	36.5	245.0	4	5	12	5
2951	Paving mixtures and blocks	183.4	66.4	17.8	99.2	248.9	108.4	25.0	115.5	8	10	18	10
2952	Asphalt felts and coatings	251.1	143.6	8.4	99.1	312.5	171.5	11.5	129.5	4	5	4	4
299	Miscellaneous petroleum and coal products	468.2	226.7	31.8	209.7	516.6	249.8	40.6	226.2	4	3	5	6
2992	Lubricating oils and greases	350.3	190.3	21.9	138.1	386.7	208.4	29.0	149.3	5	3	7	8
2999	Petroleum and coal products, n.e.c.	117.9	36.4	9.9	71.6	129.9	41.4	11.6	76.9	4	3	5	6
30	**Rubber and miscellaneous plastics products**	**8 333.0**	**3 829.1**	**1 320.3**	**3 183.6**	**8 525.6**	**3 918.0**	**1 340.3**	**3 267.3**	**2**	**2**	**3**	**2**
301	Tires and inner tubes	994.3	607.1	116.7	270.5	1 184.2	728.4	137.9	317.9	1	1	1	1
3011	Tires and inner tubes	994.3	607.1	116.7	270.5	1 184.2	728.4	137.9	317.9	1	1	1	1
302	Rubber and plastics footwear	114.0	75.1	13.6	25.3	117.5	76.8	14.9	25.8	3	3	9	3
3021	Rubber and plastics footwear	114.0	75.1	13.6	25.3	117.5	76.8	14.9	25.8	3	3	9	3
303	Reclaimed rubber	8.9	3.4	.3	5.2	9.4	3.6	.3	5.5	8	8	6	8
3031	Reclaimed rubber	8.9	3.4	.3	5.2	9.4	3.6	.3	5.5	8	8	6	8
304	Rubber and plastics hose and belting	388.1	236.1	59.2	92.8	403.5	242.4	67.3	93.8	10	16	2	12
3041	Rubber and plastics hoses and belting	388.1	236.1	59.2	92.8	403.5	242.4	67.3	93.8	10	16	2	12
306	Fabricated rubber products, n.e.c.	995.3	396.0	224.0	375.3	1 017.6	406.7	223.1	387.8	2	3	2	3
3069	Fabricated rubber products, n.e.c.	995.3	396.0	224.0	375.3	1 017.6	406.7	223.1	387.8	2	3	2	3
307	Miscellaneous plastics products	5 832.4	2 511.4	906.5	2 414.5	5 793.4	2 460.1	896.8	2 436.5	2	2	3	2
3079	Miscellaneous plastics products	5 832.4	2 511.4	906.5	2 414.5	5 793.4	2 460.1	896.8	2 436.5	2	2	3	2
31	**Leather and leather products**	**1 371.0**	**632.8**	**303.3**	**434.9**	**1 429.5**	**660.0**	**317.0**	**452.5**	**4**	**4**	**4**	**5**
311	Leather tanning and finishing	264.6	61.6	152.5	50.5	261.9	59.0	154.5	48.4	6	7	5	29
3111	Leather tanning and finishing	264.6	61.6	152.5	50.5	261.9	59.0	154.5	48.4	6	7	5	29
313	Boot and shoe cut stock and findings	27.0	6.8	2.8	17.4	26.9	6.1	3.4	17.4	37	(A)	40	14
3131	Boot and shoe cut stock and findings	27.0	6.8	2.8	17.4	26.9	6.1	3.4	17.4	37	(A)	40	14
314	Footwear, except rubber	676.4	362.5	93.7	220.2	710.4	372.6	104.8	233.0	5	5	7	8
3142	House slippers	44.4	22.9	2.7	18.8	47.7	22.1	4.5	21.1	38	38	53	32
3143	Men's footwear, except athletic	358.2	183.3	44.0	130.9	371.5	188.9	47.9	134.7	7	8	13	7
3144	Women's footwear, except athletic	180.5	97.4	35.9	47.2	202.3	108.5	40.6	53.2	5	5	4	8
3149	Footwear, except rubber, n.e.c.	93.3	58.9	11.1	23.3	88.9	53.1	11.8	24.0	6	6	4	7
315	Leather gloves and mittens	47.2	13.9	11.0	22.3	53.4	21.7	11.7	20.0	6	9	9	7
3151	Leather gloves and mittens	47.2	13.9	11.0	22.3	53.4	21.7	11.7	20.0	6	9	9	7
316	Luggage	167.7	90.7	18.2	58.8	181.2	100.0	17.7	63.5	11	11	18	13
3161	Luggage	167.7	90.7	18.2	58.8	181.2	100.0	17.7	63.5	11	11	18	13
317	Handbags and other personal leather goods	129.1	75.0	11.4	42.7	130.3	73.3	12.5	44.5	13	15	38	12
3171	Women's handbags and purses	53.2	29.1	3.9	20.2	59.0	31.0	5.3	22.7	17	17	(A)	16
3172	Personal leather goods, n.e.c.	75.9	45.9	7.5	22.5	71.3	42.3	7.2	21.8	18	22	20	18
319	Leather goods, n.e.c.	59.0	22.3	13.7	23.0	65.4	27.3	12.4	25.7	11	22	16	9
3199	Leather goods, n.e.c.	59.0	22.3	13.7	23.0	65.4	27.3	12.4	25.7	11	22	16	9

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
32	**Stone, clay, and glass products**	**6 972.6**	**3 710.3**	**982.1**	**2 280.2**	**7 086.2**	**3 703.4**	**1 050.5**	**2 332.3**	**2**	**2**	**2**	**2**
321	Flat glass	280.9	121.0	73.2	86.7	311.0	155.9	69.1	86.0	3	5	1	1
3211	Flat glass	280.9	121.0	73.2	86.7	311.0	155.9	69.1	86.0	3	5	1	1
322	Glass and glassware, pressed or blown	1 331.3	956.6	73.7	301.0	1 339.2	965.7	83.9	289.6	1	1	1	1
3221	Glass containers	714.4	587.3	3.8	123.3	697.8	569.1	2.8	126.1	1	2	14	2
3229	Pressed and blown glass, n.e.c.	616.9	369.3	69.9	177.7	641.4	396.6	81.3	163.5	2	2	1	1
323	Products of purchased glass	612.3	250.7	139.3	222.3	591.4	231.5	145.1	214.8	3	4	4	5
3231	Products of purchased glass	612.3	250.7	139.3	222.3	591.4	231.5	145.1	214.8	3	4	4	5
324	Cement, hydraulic	773.6	221.3	163.8	388.5	830.4	245.4	189.8	395.4	3	4	3	3
3241	Cement, hydraulic	773.6	221.3	163.8	388.5	830.4	245.4	189.8	395.4	3	4	3	3
325	Structural clay products	609.6	435.5	31.4	142.7	615.2	444.5	30.1	140.6	5	6	7	6
3251	Brick and structural clay tile	260.5	212.8	8.6	39.1	277.2	231.9	7.7	37.6	7	8	11	14
3253	Ceramic wall and floor tile	127.3	89.5	8.6	29.2	108.8	75.0	7.5	26.3	13	12	13	21
3255	Clay refractories	178.0	97.9	11.5	68.6	184.8	102.3	12.1	70.4	6	11	13	4
3259	Structural clay products, n.e.c.	43.8	35.3	2.7	5.8	44.4	35.3	2.8	6.3	10	12	5	8
326	Pottery and related products	347.4	162.9	92.8	91.7	335.7	150.2	93.5	92.0	2	3	3	3
3261	Vitreous plumbing fixtures	97.5	54.6	22.1	20.8	86.7	45.5	21.3	19.9	1	1	1	1
3262	Vitreous china food utensils	93.3	49.4	30.4	13.5	89.1	47.5	27.8	13.8	1	1	1	3
3263	Fine earthenware food utensils	6.1	4.3	.3	1.5	8.4	5.5	.7	2.2	24	18	(A)	24
3264	Porcelain electrical supplies	102.3	36.2	30.6	35.5	106.2	35.2	33.6	37.4	5	7	6	6
3269	Pottery products, n.e.c.	48.2	18.4	9.4	20.4	45.3	16.5	10.1	18.7	10	17	11	9
327	Concrete, gypsum, and plaster products	1 309.2	725.8	57.1	526.3	1 287.3	676.7	69.6	541.0	4	5	20	5
3271	Concrete block and brick	222.0	165.9	1.6	34.5	206.2	172.7	2.1	31.4	8	8	68	12
3272	Concrete products, n.e.c.	529.7	343.8	38.0	147.9	504.3	299.8	48.9	155.6	7	9	26	6
3273	Ready-mixed concrete	363.8	126.1	10.7	227.0	376.9	128.3	11.8	236.8	7	9	38	10
3274	Lime	72.2	18.9	3.5	49.8	75.8	19.2	4.3	52.3	6	6	22	7
3275	Gypsum products	121.5	51.1	3.3	67.1	124.1	56.7	2.5	64.9	3	3	4	4
328	Cut stone and stone products	79.5	40.2	17.1	22.2	73.3	29.0	18.3	26.0	16	18	20	26
3281	Cut stone and stone products	79.5	40.2	17.1	22.2	73.3	29.0	18.3	26.0	16	18	20	26
329	Miscellaneous nonmetallic mineral products	1 628.8	796.3	333.7	498.8	1 702.7	804.5	351.3	546.9	3	3	3	6
3291	Abrasive products	540.3	258.5	160.8	121.0	550.4	264.3	159.1	127.0	4	4	4	11
3292	Asbestos products	74.0	40.9	15.3	17.8	81.9	47.8	14.4	19.9	3	3	1	7
3293	Gaskets, packing, and sealing devices	364.7	173.3	71.2	120.2	372.0	176.9	78.2	116.9	4	4	7	7
3295	Minerals, ground or treated	150.5	62.4	35.7	52.4	187.9	70.0	47.5	70.4	19	17	6	47
3296	Mineral wool	244.0	143.3	11.8	88.9	245.7	132.2	15.2	98.3	2	1	5	3
3297	Nonclay refractories	160.7	76.7	18.7	65.3	163.8	73.7	18.9	71.2	12	15	18	9
3299	Nonmetallic mineral products, n.e.c.	94.5	41.2	20.2	33.2	101.0	39.8	18.0	43.2	9	11	15	12
33	**Primary metal industries**	**17 629.5**	**4 986.4**	**6 697.6**	**5 945.5**	**19 476.5**	**5 900.7**	**7 010.2**	**6 565.6**	**1**	**1**	**1**	**1**
331	Blast furnace and basic steel products	8 280.3	2 396.9	2 788.9	3 094.5	9 558.0	2 975.2	3 081.3	3 501.5	1	2	1	1
3312	Blast furnaces and steel mills	6 349.3	1 753.7	2 276.5	2 319.1	7 515.8	2 270.6	2 554.0	2 691.2	1	2	1	1
3313	Electrometallurgical products	217.6	112.7	19.0	85.9	254.9	137.4	22.2	95.5	13	24	3	1
3315	Steel wire and related products	477.5	175.2	102.3	200.0	476.0	179.1	102.7	194.2	6	7	10	8
3316	Cold finishing of steel shapes	643.0	158.7	244.2	240.1	665.5	177.0	254.3	234.2	3	7	4	3
3317	Steel pipe and tubes	592.9	196.6	146.9	249.4	645.8	211.3	148.1	286.4	3	2	6	7
332	Iron and steel foundries	1 120.4	378.4	388.4	353.6	1 198.1	396.9	408.7	392.5	2	3	2	3
3321	Gray iron foundries	645.2	292.0	144.6	208.6	697.0	300.2	166.8	230.0	2	3	5	3
3322	Malleable iron foundries	29.0	4.9	13.6	10.5	34.7	6.5	15.2	13.0	9	11	7	18
3324	Steel investment foundries	230.0	12.6	147.9	69.5	218.1	11.0	134.9	72.2	3	16	3	4
3325	Steel foundries, n.e.c.	216.2	88.9	82.3	65.0	248.3	79.2	91.8	77.3	6	10	4	10
333	Primary nonferrous metals	1 152.0	303.5	347.7	500.8	1 582.1	615.1	392.2	574.8	1	2	2	1
3331	Primary copper	174.5	51.5	70.5	52.5	197.6	57.9	87.2	52.5	1	1	1	1
3332	Primary lead	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
3333	Primary zinc	66.5	12.0	25.2	29.3	88.8	33.9	20.5	34.4	1	3	2	2
3334	Primary aluminum	557.3	115.5	136.6	305.2	835.4	330.1	145.4	359.9	1	2	1	1
3339	Primary nonferrous metals, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
334	Secondary nonferrous metals	631.9	262.3	174.6	195.0	630.0	248.4	174.8	206.8	3	4	3	3
3341	Secondary nonferrous metals	631.9	262.3	174.6	195.0	630.0	248.4	174.8	206.8	3	4	3	3
335	Nonferrous rolling and drawing	5 425.7	1 392.1	2 575.7	1 457.9	5 386.3	1 407.7	2 494.6	1 484.0	1	2	1	2
3351	Copper rolling and drawing	542.3	143.3	253.7	145.3	538.5	146.4	259.4	132.7	3	3	3	6
3353	Aluminum sheet, plate, and foil	1 862.5	447.0	1 063.6	351.9	1 806.2	496.8	949.5	359.9	1	1	1	2
3354	Aluminum extruded products	492.2	84.8	166.2	241.2	491.0	85.2	175.3	230.5	3	3	5	5
3355	Aluminum rolling and drawing, n.e.c	71.1	22.5	33.3	15.3	84.6	26.4	38.8	19.4	1	1	1	1
3356	Nonferrous rolling and drawing, n.e.c.	1 127.5	122.8	667.0	337.7	1 123.7	108.8	649.9	365.0	1	2	3	4
3357	Nonferrous wire drawing and insulating	1 330.1	571.7	391.9	366.5	1 342.3	544.1	421.7	376.5	3	4	3	4
336	Nonferrous foundries	567.4	123.8	253.2	190.4	572.4	125.7	248.1	198.6	4	9	4	5
3361	Aluminum foundries	320.6	63.5	144.3	112.8	335.7	68.5	150.6	116.6	5	15	5	7
3362	Brass, bronze, and copper foundries	99.4	31.8	34.1	33.5	98.1	34.4	32.8	30.9	10	15	10	15
3369	Nonferrous foundries, n.e.c.	147.4	28.5	74.8	44.1	138.6	22.8	64.7	51.1	5	8	5	9
339	Miscellaneous primary metal products	451.8	129.4	169.1	153.3	549.6	131.7	210.5	207.4	7	11	8	10
3398	Metal heat treating	52.5	16.8	12.6	23.1	47.3	18.4	10.3	20.6	26	37	53	24
3399	Primary metal products, n.e.c.	399.3	112.6	156.5	130.2	502.3	113.3	200.2	186.8	7	11	8	10

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
34	**Fabricated metal products**	**21 381.9**	**6 318.0**	**7 287.1**	**7 776.8**	**21 728.4**	**6 343.7**	**7 352.4**	**8 032.3**	**1**	**2**	**1**	**1**
341	Metal cans and shipping containers	1 417.8	684.5	234.9	518.2	1 412.6	620.2	223.9	568.5	1	1	2	2
3411	Metal cans	1 287.5	648.2	228.1	411.2	1 283.7	604.3	215.6	463.8	1	1	1	2
3412	Metal barrels, drums, and pails	130.1	16.3	6.8	107.0	128.9	15.9	8.3	104.7	7	4	32	8
342	Cutlery, hand tools, and hardware	2 428.9	743.7	981.5	703.7	2 350.1	701.1	990.8	658.2	3	4	3	4
3421	Cutlery	177.3	75.5	50.6	51.2	177.0	77.5	51.3	48.2	4	4	8	6
3423	Hand and edge tools, n.e.c.	779.2	302.3	283.6	193.3	764.9	290.2	291.3	183.4	4	6	5	10
3425	Hand saws and saw blades	172.2	46.5	61.3	64.4	149.0	38.5	53.8	56.7	19	30	23	20
3429	Hardware, n.e.c.	1 300.2	319.4	586.0	394.8	1 259.2	294.9	594.4	369.9	3	6	3	4
343	Plumbing and heating, except electric	863.9	339.2	225.3	299.4	877.8	324.8	240.2	312.8	4	5	4	5
3431	Metal sanitary ware	140.9	57.1	37.7	46.1	139.0	54.9	35.9	48.2	7	9	2	10
3432	Plumbing fittings and brass goods	359.7	154.6	112.6	92.5	354.0	144.8	112.6	96.6	3	5	3	4
3433	Heating equipment, except electric	363.3	127.5	75.0	160.8	384.8	125.1	91.7	168.0	9	11	11	9
344	Fabricated structural metal products	5 447.6	1 215.8	1 820.0	2 411.8	5 754.9	1 274.1	1 969.6	2 511.2	2	4	3	2
3441	Fabricated structural metal	1 233.0	183.8	572.3	476.9	1 386.9	181.9	691.2	513.8	4	18	4	5
3442	Metal doors, sash, and trim	932.3	254.6	142.2	535.5	908.5	248.2	147.1	513.2	4	7	12	4
3443	Fabricated plate work (boiler shops)	1 010.1	138.0	466.5	405.6	1 128.8	158.3	538.7	431.8	4	8	4	5
3444	Sheet metal work	1 253.8	309.8	422.0	522.0	1 231.8	312.2	368.0	551.6	3	4	3	4
3446	Architectural metal work	278.3	81.1	77.9	119.3	303.2	90.7	84.2	128.3	4	7	5	4
3448	Prefabricated metal buildings	425.3	134.4	101.1	189.8	452.4	148.0	90.3	214.1	8	10	23	6
3449	Miscellaneous metal work	314.8	114.1	38.0	162.7	343.3	134.8	50.1	158.4	6	14	15	9
345	Screw machine products, bolts, etc.	1 222.1	528.1	344.1	349.9	1 240.3	523.0	353.1	364.2	4	5	3	5
3451	Screw machine products	355.6	135.2	113.7	106.7	357.1	133.6	108.2	115.3	8	14	7	7
3452	Bolts, nuts, rivets, and washers	866.5	392.9	230.4	243.2	883.2	389.4	244.9	248.9	4	4	3	7
346	Metal forgings and stampings	3 245.2	651.1	1 319.0	1 275.1	3 333.9	643.5	1 323.9	1 366.5	2	3	2	2
3462	Iron and steel forgings	552.6	73.0	247.5	232.1	555.1	65.0	241.9	248.2	4	8	3	5
3463	Nonferrous forgings	347.5	32.6	216.2	98.5	353.1	37.7	213.5	101.9	3	6	2	6
3465	Automotive stampings	1 123.2	155.8	535.5	431.9	1 198.1	152.3	533.4	512.4	2	6	2	3
3466	Crowns and closures	145.8	63.9	26.4	55.5	150.9	62.0	33.6	55.3	5	6	4	7
3469	Metal stampings, n.e.c.	1 076.1	325.6	293.4	457.1	1 076.7	326.5	301.5	448.7	3	4	3	4
347	Metal services, n.e.c.	570.0	123.3	90.7	356.0	598.5	132.9	102.4	363.2	5	5	9	5
3471	Plating and polishing	208.4	40.7	42.9	124.8	224.3	46.0	44.4	133.9	6	11	7	7
3479	Metal coating and allied services	361.6	82.6	47.8	231.2	374.2	86.9	58.0	229.3	6	4	15	7
348	Ordnance and accessories, n.e.c.	1 385.5	157.5	918.8	309.2	1 234.5	189.3	746.4	298.8	2	7	3	2
3482	Small arms ammunition	244.5	74.9	123.5	46.1	262.4	99.0	110.9	52.5	3	3	2	6
3483	Ammunition, except for small arms, n.e.c.	547.7	8.6	327.7	211.4	491.7	5.3	298.2	188.2	1	1	2	1
3484	Small arms	247.2	70.1	142.6	34.5	274.4	81.7	152.1	40.6	6	15	3	9
3489	Ordnance and accessories, n.e.c.	346.1	3.9	325.0	17.2	206.0	3.3	185.2	17.5	7	2	7	7
349	Miscellaneous fabricated metal products	4 801.1	1 894.8	1 352.8	1 553.5	4 925.8	1 934.8	1 402.1	1 588.9	2	2	2	2
3493	Steel springs, except wire	75.3	38.8	12.4	24.1	82.5	43.3	14.0	25.2	6	9	12	10
3494	Valves and pipe fittings	2 603.1	1 093.6	829.7	679.8	2 697.3	1 134.4	885.7	677.2	2	2	2	3
3495	Wire springs	162.7	74.5	28.1	60.1	157.6	68.3	29.1	60.2	13	27	8	5
3496	Miscellaneous fabricated wire products	449.2	188.9	95.9	164.4	440.6	184.7	91.4	164.5	4	5	6	4
3497	Metal foil and leaf	318.7	116.4	82.6	119.7	323.2	120.6	81.1	121.5	4	4	7	8
3498	Fabricated pipe and fittings	375.2	118.4	82.1	174.7	450.5	136.9	86.2	227.4	7	17	9	10
3499	Fabricated metal products, n.e.c.	816.9	264.2	222.0	330.7	774.1	246.6	214.6	312.9	4	5	7	5
35	**Machinery, except electrical**	**41 203.1**	**12 733.1**	**17 069.0**	**11 401.0**	**44 340.4**	**13 292.3**	**18 749.6**	**12 298.5**	**1**	**1**	**1**	**2**
351	Engines and turbines	2 496.7	645.9	1 417.4	433.4	2 608.4	635.5	1 449.6	523.3	1	1	2	3
3511	Turbines and turbine generator sets	1 113.4	127.4	783.6	202.4	1 098.5	121.6	777.6	199.3	2	4	2	3
3519	Internal combustion engines, n.e.c.	1 383.3	518.5	633.8	231.0	1 509.9	513.9	672.0	324.0	1	1	2	4
352	Farm and garden machinery	2 261.6	959.0	596.3	706.3	2 478.5	1 050.2	607.3	821.0	3	3	5	4
3523	Farm machinery and equipment	1 574.4	620.9	457.7	495.8	1 784.7	717.2	474.9	592.6	4	5	6	5
3524	Lawn and garden equipment	687.2	338.1	138.6	210.5	693.8	333.0	132.4	228.4	3	4	5	2
353	Construction and related machinery	6 826.9	2 897.5	1 946.7	1 982.7	7 638.6	3 134.3	2 278.8	2 225.5	2	2	3	3
3531	Construction machinery	2 838.6	1 017.9	1 034.4	786.3	3 047.8	1 046.9	1 110.9	890.0	3	3	2	5
3532	Mining machinery	568.1	291.7	97.6	178.8	600.8	298.5	114.2	188.1	3	3	8	4
3533	Oil field machinery	2 060.8	1 262.7	315.1	483.0	2 554.7	1 447.1	481.5	626.1	2	2	4	4
3534	Elevators and moving stairways	176.8	26.7	75.8	74.3	180.8	27.4	81.4	72.0	3	12	5	5
3535	Conveyors and conveying equipment	508.8	103.6	205.5	199.7	535.0	115.0	218.4	201.6	7	6	15	8
3536	Hoists, cranes, and monorails	245.9	70.6	99.0	76.3	267.5	68.9	126.7	71.9	8	11	13	10
3537	Industrial trucks and tractors	427.9	124.3	119.3	184.3	452.0	130.5	145.7	175.8	9	8	5	15
354	Metalworking machinery	4 295.2	1 148.4	2 256.2	890.6	4 539.4	1 155.7	2 456.7	927.0	2	3	3	3
3541	Machine tools, metal cutting types	1 215.6	316.5	681.1	218.0	1 343.7	307.9	784.0	251.8	4	7	4	5
3542	Machine tools, metal forming types	524.2	139.2	290.5	94.5	555.4	149.9	308.8	96.7	4	5	4	7
3544	Special dies, tools, jigs, and fixtures	913.6	104.7	617.6	191.3	892.9	105.3	601.8	185.8	4	15	4	5
3545	Machine tool accessories	776.2	315.1	273.8	187.3	800.9	313.7	301.1	186.1	5	6	6	7
3546	Power driven hand tools	362.1	159.8	118.5	83.8	389.8	172.4	128.5	88.9	3	2	7	5
3547	Rolling mill machinery	94.3	10.0	70.0	14.3	97.8	7.5	74.0	16.3	3	5	3	4
3549	Metalworking machinery, n.e.c.	409.2	103.1	204.7	101.4	458.9	99.0	258.5	101.4	6	13	11	6
355	Special industry machinery	3 459.2	987.4	1 310.2	1 161.6	3 562.1	1 040.2	1 376.4	1 145.5	3	5	2	3
3551	Food products machinery	583.9	203.6	194.9	185.4	595.2	213.9	196.7	184.6	9	17	7	10
3552	Textile machinery	311.1	119.9	87.1	104.1	288.1	121.1	70.4	96.6	10	18	7	10
3553	Woodworking machinery	148.1	45.4	60.5	40.2	144.9	48.0	58.4	38.5	13	30	11	25
3554	Paper industries machinery	341.2	77.3	156.9	107.0	400.1	110.9	187.4	101.8	2	4	3	3
3555	Printing trades machinery	634.1	181.2	213.3	239.6	661.2	174.1	258.1	229.0	4	8	4	5
3559	Special industry machinery, n.e.c.	1 442.8	360.0	597.5	485.3	1 472.6	372.2	605.4	495.0	3	4	3	4
356	General industrial machinery	5 864.8	2 112.8	2 141.3	1 610.7	6 064.7	2 154.2	2 251.5	1 659.0	2	3	3	3
3561	Pumps and pumping equipment	1 627.5	694.0	563.2	370.3	1 617.7	639.2	617.9	360.6	5	8	6	5
3562	Ball and roller bearings	870.6	319.8	356.1	194.7	894.6	312.2	398.8	183.6	2	3	2	5
3563	Air and gas compressors	813.5	281.6	315.7	216.2	831.3	330.7	272.4	228.2	3	4	3	7
3564	Blowers and fans	334.6	71.0	106.6	157.0	379.3	87.0	139.7	152.6	5	8	7	6
3565	Industrial patterns	43.6	.9	40.0	2.7	63.5	.8	28.8	33.9	50	(A)	53	76
3566	Speed changers, drives, and gears	385.9	137.0	169.2	79.7	420.0	147.3	174.3	98.4	6	7	7	11
3567	Industrial furnaces and ovens	232.0	32.2	90.4	109.4	256.4	43.6	102.8	110.0	7	10	8	8
3568	Power transmission equipment, n.e.c.	524.7	241.6	149.6	133.5	555.9	239.2	155.1	161.6	4	8	9	14
3569	General industrial machinery, n.e.c.	1 032.4	334.7	350.5	347.2	1 046.0	354.2	361.7	330.1	4	4	6	5

See footnotes at end of table

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
35	**Machinery, except electrical**—Con.												
357	Office and computing machines	10 367.3	2 323.0	5 158.1	2 886.2	11 613.4	2 358.5	6 110.0	3 144.9	2	2	1	3
3573	Electronic computing equipment	8 984.2	1 924.1	4 544.7	2 515.4	10 140.1	1 966.8	5 417.4	2 755.9	2	3	1	4
3574	Calculating and accounting machines	157.2	50.8	55.1	51.3	179.2	52.9	57.1	69.2	8	8	10	11
3576	Scales and balances, except laboratory	121.8	20.5	61.2	40.1	117.7	20.8	56.7	40.2	7	12	16	16
3579	Office machines, n.e.c., and typewriters	1 104.1	327.6	497.1	279.4	1 176.4	318.0	578.8	279.6	1	2	1	2
358	Refrigeration and service machinery	3 223.0	1 218.0	884.7	1 120.3	3 470.9	1 320.8	919.0	1 231.1	2	2	2	3
3581	Automatic merchandising machines	157.5	53.2	45.9	58.4	154.4	51.3	47.0	56.1	7	5	7	11
3582	Commercial laundry equipment	76.6	8.9	32.9	34.8	72.6	9.1	33.8	29.7	12	41	12	19
3585	Refrigeration and heating equipment	2 204.3	954.9	549.2	700.2	2 435.0	1 056.3	576.6	802.1	2	2	3	3
3586	Measuring and dispensing pumps	154.1	37.2	75.9	41.0	168.9	37.1	82.8	49.0	7	8	3	24
3589	Service industry machinery, n.e.c.	630.5	163.8	180.8	285.9	640.0	167.0	178.8	294.2	4	6	5	6
359	Miscellaneous machinery, except electrical	2 408.4	441.1	1 358.1	609.2	2 364.4	442.9	1 300.3	621.2	4	6	4	8
3592	Carburetors, pistons, rings, valves	318.0	68.3	159.6	90.1	313.3	75.8	141.0	96.5	4	8	3	3
3599	Machinery, except electrical, n.e.c.	2 090.4	372.8	1 198.5	519.1	2 051.1	367.1	1 159.3	524.7	5	7	5	9
36	**Electric and electronic equipment**	**37 456.8**	**8 415.4**	**19 101.3**	**9 940.1**	**37 693.3**	**8 108.9**	**19 152.5**	**10 431.9**	**1**	**1**	**1**	**1**
361	Electric distributing equipment	1 523.9	409.3	583.7	530.9	1 586.0	432.3	608.9	544.8	3	3	3	3
3612	Transformers	519.4	134.7	184.8	199.9	542.2	138.7	212.6	190.9	3	4	2	5
3613	Switchgear and switchboard apparatus	1 004.5	274.6	398.9	331.0	1 043.8	293.6	396.3	353.9	3	4	4	4
362	Electrical industrial apparatus	3 289.0	864.4	1 224.5	1 200.1	3 447.7	885.3	1 313.4	1 249.0	2	3	3	3
3621	Motors and generators	1 138.0	339.0	417.6	381.4	1 232.3	363.3	456.9	412.1	2	3	2	3
3622	Industrial controls	1 175.7	263.8	417.2	494.7	1 183.4	257.4	419.5	506.5	3	7	6	5
3623	Welding apparatus, electric	340.8	109.0	104.7	127.1	365.5	116.3	107.7	141.5	4	8	5	5
3624	Carbon and graphite products	360.7	77.7	204.5	78.5	395.0	82.0	239.9	73.1	3	6	2	5
3629	Electrical industrial apparatus, n.e.c.	273.8	74.9	80.5	118.4	271.5	66.3	89.4	115.8	7	6	8	9
363	Household appliances	2 575.1	1 469.2	478.3	627.6	2 472.0	1 386.6	472.4	633.0	1	1	3	3
3631	Household cooking equipment	663.0	405.1	98.9	159.0	592.8	342.9	94.7	155.2	1	1	3	3
3632	Household refrigerators and freezers	502.4	364.6	54.4	83.4	452.5	309.6	57.2	85.7	2	1	12	12
3633	Household laundry equipment	325.5	186.5	67.4	71.6	305.4	173.7	64.3	67.4	2	2	3	4
3634	Electric housewares and fans	531.8	256.6	118.2	157.0	565.8	276.7	133.5	155.6	4	2	4	8
3635	Household vacuum cleaners	191.3	88.5	55.5	47.3	210.4	99.2	52.7	58.5	5	8	11	9
3636	Sewing machines	76.5	41.1	27.3	8.1	81.7	46.3	25.6	9.8	4	7	2	3
3639	Household appliances, n.e.c.	284.6	126.8	56.6	101.2	263.4	118.2	44.4	100.8	2	1	2	2
364	Electric lighting and wiring equipment	2 687.3	1 022.6	675.4	989.3	2 593.8	991.2	675.7	926.9	3	4	3	4
3641	Electric lamps	246.0	153.6	21.0	71.4	266.7	177.9	17.0	71.8	3	3	8	4
3643	Current-carrying wiring devices	665.6	219.4	229.5	216.7	635.2	189.6	227.1	218.5	6	12	5	7
3644	Noncurrent-carrying wiring devices	559.0	302.6	100.2	156.2	546.4	290.9	112.0	145.5	3	2	3	7
3645	Residential lighting fixtures	351.3	124.6	66.9	159.8	326.3	112.7	70.1	143.5	8	11	10	8
3646	Commercial lighting fixtures	421.4	123.1	91.0	207.3	395.3	121.3	93.9	180.1	5	15	8	7
3647	Vehicular lighting equipment	193.7	28.3	106.0	59.4	165.7	27.3	92.1	46.3	10	13	4	23
3648	Lighting equipment, n.e.c.	250.3	71.0	60.8	118.5	256.2	71.5	63.5	121.2	8	10	7	12
365	Radio and TV receiving equipment	1 435.2	649.0	270.9	515.3	1 284.5	516.7	225.6	542.2	3	3	2	4
3651	Radio and TV receiving sets	1 246.0	551.1	251.3	443.6	1 109.6	422.9	209.6	477.1	3	4	2	5
3652	Phonograph records and prerecorded tape	189.2	97.9	19.6	71.7	174.9	93.8	16.0	65.1	3	4	4	3
366	Communication equipment	15 838.8	1 539.3	11 291.4	3 008.1	15 810.1	1 612.5	10 806.0	3 391.6	2	3	2	2
3661	Telephone and telegraph apparatus	2 975.7	482.1	1 461.9	1 031.7	3 823.8	527.6	1 914.0	1 382.2	2	4	1	2
3662	Radio and TV communication equipment	12 863.1	1 057.2	9 829.5	1 976.4	11 986.3	1 084.9	8 892.0	2 009.4	2	4	2	3
367	Electronic components and accessories	7 226.8	1 520.8	3 769.3	1 936.7	7 664.0	1 421.9	4 159.7	2 082.4	1	1	1	2
3671	Electron tubes, all types	408.7	89.6	192.0	127.1	373.3	84.3	162.5	126.5	3	2	3	4
3674	Semiconductors and related devices	2 576.5	584.4	1 466.3	525.8	2 681.3	517.8	1 622.5	541.0	1	1	1	3
3675	Electronic capacitors	308.7	92.5	115.4	100.8	330.1	97.5	121.1	111.5	3	2	3	4
3676	Electronic resistors	201.9	57.9	73.7	70.3	201.1	61.0	72.6	67.5	11	5	13	20
3677	Electronic coils and transformers	142.1	19.9	47.3	74.9	169.2	22.3	56.2	90.7	8	14	7	13
3678	Electronic connectors	668.5	195.9	321.1	151.5	669.8	193.6	304.2	172.0	2	3	3	4
3679	Electronic components, n.e.c.	2 920.4	480.6	1 553.5	886.3	3 239.2	445.4	1 820.6	973.2	2	2	1	2
369	Miscellaneous electrical equipment	2 880.7	940.8	807.8	1 132.1	2 835.2	882.4	890.8	1 062.0	2	2	2	2
3691	Storage batteries	413.8	181.6	113.0	119.2	413.9	171.9	127.2	114.8	2	3	2	2
3692	Primary batteries, dry and wet	175.8	31.7	59.2	84.9	166.1	29.2	69.1	67.8	3	4	3	4
3693	X-ray and electromedical apparatus	1 199.7	391.5	359.2	449.0	1 189.6	352.1	381.1	456.4	3	2	4	4
3694	Engine electrical equipment	779.9	248.0	213.1	318.8	767.2	238.7	261.7	266.8	2	5	2	2
3699	Electrical equipment and supplies, n.e.c.	311.5	88.0	63.3	160.2	298.4	90.5	51.7	156.2	6	5	15	6
37	**Transportation equipment**	**50 923.1**	**5 982.5**	**32 328.0**	**12 612.6**	**50 776.8**	**5 757.5**	**32 682.7**	**12 338.6**	**1**	**1**	**1**	**1**
371	Motor vehicles and equipment	11 099.6	2 451.4	3 810.8	4 837.4	11 689.6	2 481.8	3 821.0	5 366.8	1	2	2	1
3711	Motor vehicles and car bodies	4 402.8	662.5	1 432.8	2 307.5	4 917.6	675.7	1 478.2	2 763.7	2	2	3	1
3713	Truck and bus bodies	685.2	120.0	332.4	232.8	608.5	105.9	286.0	216.6	6	12	11	6
3714	Motor vehicle parts and accessories	5 428.7	1 553.6	1 929.8	1 945.3	5 501.8	1 561.0	1 923.3	2 017.5	2	2	2	2
3715	Truck trailers	370.0	49.0	79.0	242.0	400.0	57.0	99.7	243.3	9	41	6	6
3716	Motor homes produced on purchased chassis	212.9	66.3	36.8	109.8	241.7	82.2	33.8	125.7	7	8	11	7
372	Aircraft and parts	30 217.5	2 744.6	21 181.0	6 291.9	29 716.4	2 560.3	21 471.0	5 685.1	1	1	1	1
3721	Aircraft	18 686.5	718.9	13 890.9	4 076.7	19 089.5	681.5	14 784.0	3 624.0	1	1	1	1
3724	Aircraft engines and engine parts	5 704.5	1 514.2	2 939.1	1 251.2	5 121.9	1 373.6	2 541.9	1 206.4	1	1	1	1
3728	Aircraft equipment, n.e.c.	5 826.5	511.5	4 351.0	964.0	5 505.0	505.2	4 145.1	854.7	1	2	1	3
373	Ship and boat building and repairing	1 426.3	202.9	691.8	531.6	1 390.5	184.9	762.1	443.5	3	4	3	3
3731	Ship building and repairing	878.5	71.2	527.2	280.1	844.5	55.9	590.0	198.6	3	4	3	5
3732	Boat building and repairing	547.8	131.7	164.6	251.5	546.0	129.0	172.1	244.9	4	6	6	4
374	Railroad equipment	626.6	243.8	216.7	166.1	729.3	245.5	373.6	110.2	2	1	3	2
3743	Railroad equipment	626.6	243.8	216.7	166.1	729.3	245.5	373.6	110.2	2	1	3	2
375	Motorcycles, bicycles, and parts	164.1	61.7	43.2	59.2	142.9	48.6	40.7	53.6	4	5	7	5
3751	Motorcycles, bicycles, and parts	164.1	61.7	43.2	59.2	142.9	48.6	40.7	53.6	4	5	7	5
376	Guided missiles, space vehicles, parts	6 213.3	123.3	5 576.4	513.6	6 138.5	88.4	5 579.8	470.3	1	1	1	1
3761	Guided missiles and space vehicles	5 596.6	(D)	5 130.2	(D)	5 610.1	(D)	5 184.2	(D)	1	(X)	1	(X)
3764	Space propulsion units and parts	404.6	107.8	260.5	36.3	349.5	86.4	232.7	30.4	1	1	1	1
3769	Space vehicle equipment, n.e.c.	212.1	(D)	185.7	(D)	178.9	(D)	162.9	(D)	2	(X)	2	(X)
379	Miscellaneous transportation equipment	1 175.7	154.8	808.1	212.8	989.6	148.0	634.5	207.1	2	4	2	6
3792	Travel trailers and campers	152.6	57.9	15.7	79.0	145.8	58.5	16.7	70.6	6	5	6	7
3795	Tanks and tank components	806.0	36.5	715.3	54.2	614.6	25.2	538.5	50.9	1	4	1	6
3799	Transportation equipment, n.e.c.	217.1	60.4	77.1	79.6	229.2	64.3	79.3	85.6	8	8	12	12

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1986—Con.

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1986				Beginning of 1986[2]				Standard error of estimate[3] (percent) for column—			
		Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total[1]	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
38	**Instruments and related products**	**12 216.8**	**3 466.5**	**4 884.0**	**3 866.3**	**12 332.6**	**3 357.4**	**5 009.2**	**3 966.0**	**2**	**2**	**2**	**2**
381	Engineering and scientific instruments	1 041.8	172.1	586.3	283.4	1 005.0	179.3	560.7	265.0	9	14	12	9
3811	Engineering and scientific instruments	1 041.8	172.1	586.3	283.4	1 005.0	179.3	560.7	265.0	9	14	12	9
382	Measuring and controlling devices	3 976.9	782.8	1 795.5	1 398.6	4 118.4	776.6	1 884.5	1 457.3	2	2	2	2
3822	Environmental controls	335.4	94.8	174.5	66.1	362.3	92.1	202.1	68.1	6	4	5	16
3823	Process control instruments	1 082.4	228.4	397.4	456.6	1 157.1	224.7	436.7	495.7	3	4	4	3
3824	Fluid meters and counting devices	158.8	33.1	71.6	54.1	171.5	32.3	84.6	54.6	7	7	6	13
3825	Instruments to measure electricity	1 739.4	310.1	826.9	602.4	1 759.3	308.5	826.7	624.1	2	3	2	3
3829	Measuring and controlling devices, n.e.c.	660.9	116.4	325.1	219.4	668.2	119.0	334.4	214.8	4	6	4	4
383	Optical instruments and lenses	1 321.8	441.1	506.8	373.9	1 235.1	409.6	463.5	362.0	3	3	3	5
3832	Optical instruments and lenses	1 321.8	441.1	506.8	373.9	1 235.1	409.6	463.5	362.0	3	3	3	5
384	Medical instruments and supplies	2 832.0	1 120.7	758.7	952.6	2 731.8	1 000.4	763.9	967.5	3	3	4	4
3841	Surgical and medical instruments	1 135.5	399.2	333.4	402.9	1 064.0	348.8	340.7	374.5	7	7	7	7
3842	Surgical appliances and supplies	1 438.7	627.6	337.8	473.3	1 419.6	557.8	347.2	514.6	3	3	4	4
3843	Dental equipment and supplies	257.8	93.9	87.5	76.4	248.2	93.8	76.0	78.4	6	8	5	6
385	Ophthalmic goods	335.2	209.2	57.7	68.3	351.5	206.5	65.9	79.1	4	4	6	9
3851	Ophthalmic goods	335.2	209.2	57.7	68.3	351.5	206.5	65.9	79.1	4	4	6	9
386	Photographic equipment and supplies	2 480.4	614.4	1 122.2	743.8	2 663.1	655.6	1 215.0	792.5	1	2	1	2
3861	Photographic equipment and supplies	2 480.4	614.4	1 122.2	743.8	2 663.1	655.6	1 215.0	792.5	1	2	1	2
387	Watches, clocks, and watchcases	228.7	126.2	56.8	45.7	227.7	129.4	55.7	42.6	4	4	7	7
3873	Watches, clocks, and watchcases	228.7	126.2	56.8	45.7	227.7	129.4	55.7	42.6	4	4	7	7
39	**Miscellaneous manufacturing industries**	**5 019.1**	**2 240.7**	**1 037.9**	**1 740.5**	**4 974.5**	**2 180.4**	**1 043.3**	**1 750.8**	**2**	**3**	**4**	**3**
391	Jewelry, silverware, and plated ware	1 286.7	648.9	226.4	411.4	1 286.5	639.6	228.6	418.3	4	5	13	6
3911	Jewelry, precious metal	860.7	426.6	123.0	311.1	855.0	427.4	123.0	304.6	5	7	8	7
3914	Silverware and plated ware	203.6	127.6	43.9	32.1	212.8	114.0	50.9	47.9	3	3	6	5
3915	Jewelers' materials and lapidary work	222.4	94.7	59.5	68.2	218.7	98.2	54.7	65.8	14	13	45	10
393	Musical instruments	180.7	35.7	84.6	60.4	181.2	37.8	79.9	63.5	11	20	11	12
3931	Musical instruments	180.7	35.7	84.6	60.4	181.2	37.8	79.9	63.5	11	20	11	12
394	Toys and sporting goods	1 398.0	716.3	234.2	447.5	1 393.1	699.9	232.9	460.3	3	4	6	4
3942	Dolls	71.5	46.8	8.8	15.9	94.1	44.1	11.5	38.5	17	17	20	35
3944	Games, toys, and children's vehicles	497.2	242.7	70.0	184.5	470.8	235.5	75.0	160.3	4	4	6	5
3949	Sporting and athletic goods, n.e.c.	829.3	426.8	155.4	247.1	828.2	420.3	146.4	261.5	4	5	8	6
395	Pens, pencils, and office and art supplies	367.4	144.4	86.2	136.8	358.4	130.7	87.7	140.0	5	6	4	6
3951	Pens and mechanical pencils	143.3	46.6	46.1	50.6	143.9	45.8	47.9	50.2	5	5	3	11
3952	Lead pencils and art goods	111.7	57.4	24.3	30.0	105.4	49.0	24.5	31.9	4	5	4	4
3953	Marking devices	29.8	12.5	3.8	13.5	31.4	13.5	3.7	14.2	45	61	70	25
3955	Carbon paper and inked ribbons	82.6	27.9	12.0	42.7	77.7	22.4	11.6	43.7	9	7	12	12
396	Costume jewelry and notions	400.7	170.8	92.0	137.9	408.3	171.1	94.3	142.9	6	8	6	8
3961	Costume jewelry	188.1	92.6	37.7	57.8	192.4	90.7	40.2	61.5	12	13	10	16
3962	Artificial flowers	63.7	18.6	4.6	40.5	61.9	20.5	4.0	37.4	15	34	45	13
3963	Buttons	15.0	9.5	3.4	2.1	17.8	11.8	3.7	2.3	25	25	40	41
3964	Needles, pins, and fasteners	133.9	50.1	46.3	37.5	136.2	48.1	46.4	41.7	4	4	6	5
399	Miscellaneous manufactures	1 385.6	524.6	314.5	546.5	1 347.0	501.3	319.9	525.8	4	5	5	5
3991	Brooms and brushes	166.8	70.7	23.1	73.0	159.2	65.2	22.4	71.6	7	10	9	11
3993	Signs and advertising displays	388.0	89.6	121.3	177.1	360.6	78.5	115.4	166.7	8	16	10	10
3995	Burial caskets	96.5	38.8	16.4	41.3	86.2	33.3	17.8	35.1	9	7	10	13
3996	Hard surface floor coverings	168.1	106.7	23.0	38.4	168.9	104.8	25.0	39.1	3	3	1	2
3999	Manufacturing industries, n.e.c.	566.2	218.8	130.7	216.7	572.1	219.5	139.3	213.3	5	7	6	6

[1]Beginning in 1982 Economic Censuses, all respondents were requested to report their inventories at cost or market prior to any adjustment of LIFO cost. This is a change from prior censuses and Annual Survey of Manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method. For further explanation, see Introduction.

[2]Beginning-of-year inventories data shown for 1986 in this table differ from the corresponding end-of-year data published in the 1985 Annual Survey of Manufactures because of revisions to establishment data originally reported.

[3]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

APPENDIX
EXPLANATION OF TERMS

ALL EMPLOYEES

The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ending nearest the 12th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded from the total.

Production Workers

This category includes workers (up through the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the line-supervisor level are excluded from this category.

All Other Employees

Nonproduction personnel of the manufacturing establishment includes those engaged in the following activities: factory supervision above the line-supervisor level, sales (including driver salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

EMPLOYMENT AND PAYROLL FOR AUXILIARIES

Respondents were asked to file separate reports for any auxiliaries at a different location from the establishments served or at the same location as one of these establishments but not operated as an integral part thereof and administering and serving two establishments or more. Included in the category of auxiliaries are central administrative offices which include employees whose functions are general company policy determination, planning, and management (i.e., company purchasing, accounting, general engineering, direction of company personnel matters, and legal and patent matters). Auxiliaries are storage facilities, garages, repair shops, purchasing offices, sales promotion offices, and research laboratories serving the plants or central management of the company.

The employment and payroll data shown for central administrative offices and auxiliary units represent the total for all such units which primarily serve manufacturing plants.

AVERAGE EMPLOYMENT

The annual survey report forms requested employment figures for "production workers" for four selected pay periods (i.e., production workers' midmonth employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

PAYROLLS

This total includes the gross earnings paid to all employees on the payroll of operating manufacturing establishments in the calendar year. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations, but excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

PRODUCTION-WORKER HOURS

This total consists of all plant hours of production workers as defined above. It represents all hours worked or paid for at the plant, including actual overtime hours (not

straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

VALUE ADDED BY MANUFACTURE

This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments for products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacturing, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

Value added avoids the duplication in the value of shipments figure which results from the use of products of some establishments as materials by others. Consequently, it is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

For those industries where value of production or value of work done is collected instead of shipments, value added excludes the inventory changes.

COST OF MATERIALS

This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. Manufacturers included the cost of materials or fuel consumed regardless of whether these items were purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

To arrive at the industry total cost of materials, separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year; (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work); (e) the cost of products bought and resold in the same condition. The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and research, developmental, and consulting services of other establishments; it also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc. Materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts are also excluded.

VALUE OF SHIPMENTS

The amounts under value of shipments are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishments (i.e., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of the goods rather than the f.o.b. plant price.

Under the general heading of shipments, manufacturers were asked to include all items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. Also included were receipts for contract work and for such miscellaneous activities as sale of scrap and refuse, installation work by manufacturing plant employees, research and development work, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and resold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry. The inclusion of resales in total value of shipments is a change in procedure initiated with the 1958 Census of Manufactures.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) as though the establishments were a separate economic unit. The company was requested to include in "value of interplant transfers within the company" not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

For a relatively few industries (canning and preserving, other than meats, packaged fish, distilled liquors, and tobacco products) where value of shipments figures are generally not maintained, the method of valuation for products differs (i.e., value of production or value of work done).

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product.

Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the annual survey.

Duplication of products within individual industries is significant within a number of industry groups, e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs of value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the United States level and beginning in 1964, for all geographic levels.

NEW AND USED CAPITAL EXPENDITURES

For establishments in operation and establishments under construction but not yet in operation, manufacturers were asked to report capital expenditures for (a) permanent additions and major alterations to manufacturing establishments and (b) new machinery and equipment used for replacement purposes and additions to plant capacity if they are the type for which depreciation or amortizable accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for land, and costs of maintenance and repairs charged as current operating expenses are also omitted.

Manufactures were also requested to report the value of all used buildings and equipment purchased during the year at the purchase price. For any equipment or structure transferred to the use of the reporting establishment by the parent company or one of its subsidiaries, the value at which it was transferred to the establishment was to be reported. Furthermore, if the establishment changed ownership during the year, the cost of the fixed assets (building and equipment) was to be reported under used capital expenditures.

END-OF-YEAR INVENTORIES

Respondents were asked to report their 1985 and 1986 end-of-year inventories at cost or market. Effective with the 1982 Economic Censuses, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few.) In 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

Because of this change in reporting instructions, the 1982 through 1986 data for inventories and value added by manufacture included in the tables of this report are not comparable to the data shown in historical census of manufactures and annual survey of manufactures publications. Inventories and value added data estimated on a basis comparable to the historical data, using the reported information for 1982, are shown in footnote 4 of table 1a of the 1982 census final industry reports.

In using inventory data by stage of fabrication for "all industries" and at the two-digit industry level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown in individual industries, industry groups, and "all manufacturing," which are aggregates of figures reported by establishments in specified industries.

LABOR COSTS

Supplemental labor costs are divided into legally required expenditures and payments for voluntary programs. The legally required portion consists primarily of Federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation whether they were employer initiated or the result of collective bargaining. It includes the employer portion of such plans as insurance premiums, premiums for supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. It excludes such items as company operated cafeterias, in-plant medical services, free parking lots, discounts on employee purchases, and uniforms and work clothing for employees. While the excluded items do benefit employees and all or part of their cost is generally similar to the items covered in the annual survey labor cost statistics, accounting records do not, in general, provide reliable figures on net employee benefits of these types.

COST OF FUELS CONSUMED FOR HEAT, POWER, OR GENERATION OF ELECTRICITY, AND ELECTRIC ENERGY USED FOR HEAT AND POWER

These items refer to fuels and electric energy consumed for heat, power, or generation of electricity whether

purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year. It also includes data on the quantity of purchased electric energy and quantity of generated-less-sold electric energy. The cost and quantity of purchased electric energy represent the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.